

广东彩汇美新材料技术有限公司

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硅橡胶专业生产商

Professional Manufacturer Of Silicone Rubber

 www.charmwaytech.com



广东彩汇美新材料技术有限公司成立于2010年4月，坐落于广东省东莞市东坑镇，专业从事高温混炼硅橡胶和液体混炼硅橡胶的研发，生产，销售和服务业务，拥有现代化的生产车间、实验设备以及一只经验丰富的研发团队，目前公司的客户已经覆盖全国各地及海外市场，主要出口到日本，德国，美国，马来西亚，泰国，越南，印度等国家和地区。

公司将继续秉承“开拓创新、合作共赢”的企业精神，以“研发更好的产品，提供更好的服务，创建更好的品牌”三个更好作为发展策略，不断进行开拓和创新，增强企业综合竞争力；愿与各界新老客户进行更加广泛的合作，与时俱进，共赢未来！



Guangdong Charmway technology Co., Ltd. was established in April 2010. It is located in Dongkeng Town, Dongguan City, Guangdong Province. It Specializing in R & D, production, sales and service of high temperature mixing silicone rubber and liquid mixing silicone rubber, with modern production workshop, experimental equipment and an experienced R&D team, the company's customers have covered all parts of the country and overseas markets, mainly exported to Japan, Germany, the United States, Malaysia, Thailand, Vietnam, India and other countries and regions.

The company will continue to uphold the enterprise spirit of "pioneering innovation, cooperation and win-win" and take "developing better products, providing better services and creating better brands" as the development strategy, constantly carry out innovation and innovation, and enhance the comprehensive competitiveness of the enterprise; it is willing to expand with new and old customers from all walks of life. Pan-cooperation, keep pace with the times, win-win future!



- 技术为本，技术致胜
- 研发硬件、软件及人力的持续投入
- 根据客户需求个性化定制

- To be based on technology, to obtain victory depending on technology
- Sustained investing in hardware, software of R&D and human resources
- To customize according to customers' requirements



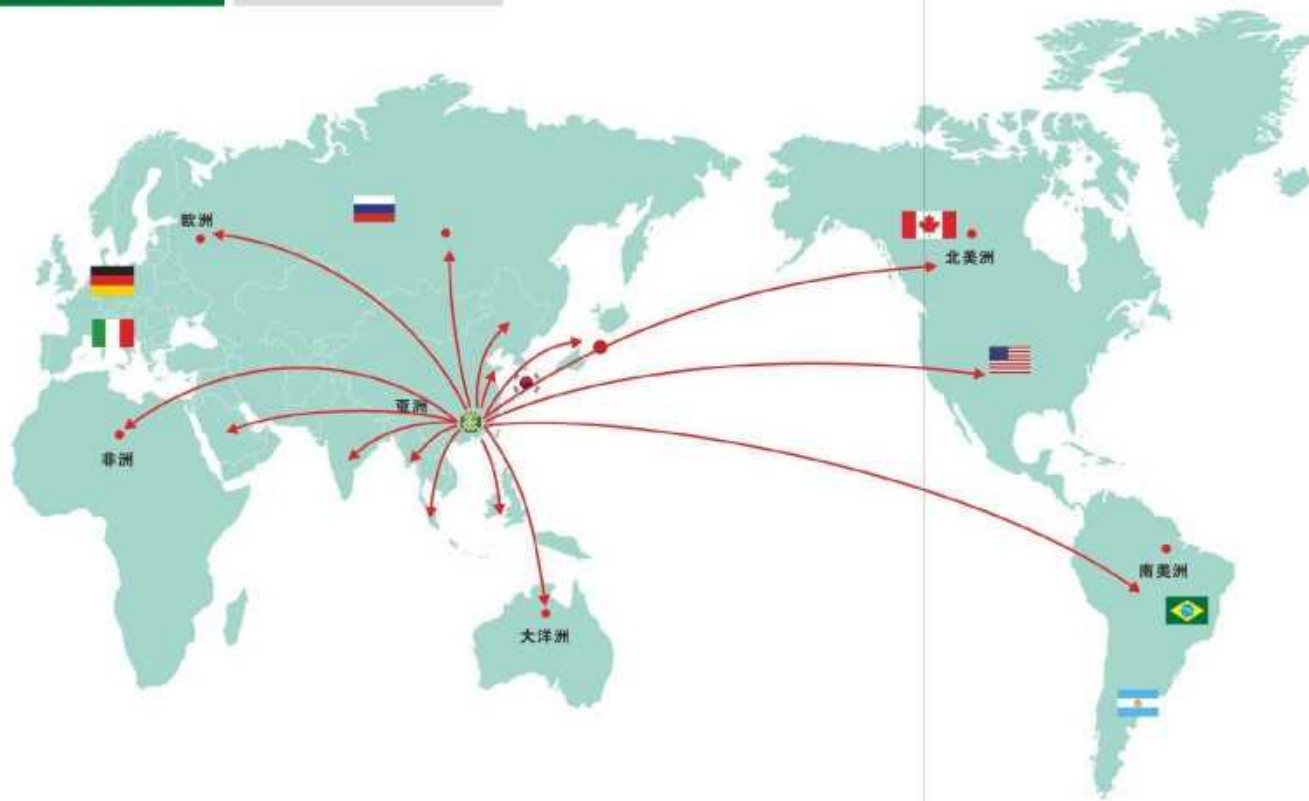
生产车间

Production workshop

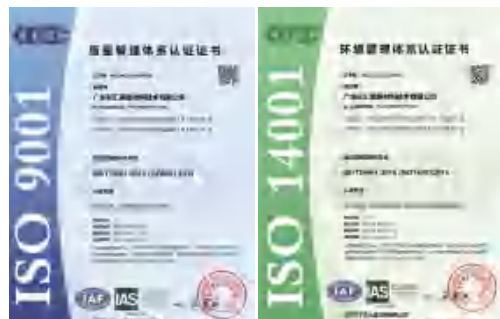


- 安全是生命，质量是饭碗，效率是金钱
- 功夫下在现场，产品赢在市场
- 精益求精，持续改善
- Safety is life, quality is foundation, efficiency is money
- Efforts are made to develop work at site, products win over customers in the market
- Seek for greater perfection, persist in continuous improvement





- 市场是衣食父母
- 客户需求是我们一切管理工作的原动力
- 重承诺，负责任，好商量，知感恩，做长期合作伙伴
- Market is the "god" on whom our livelihood depends.
- Customers' demand is the driving force for our management
- Being committed, being responsible, being easy-going consulting, being grateful



公司目标: 新材料专家, 稳健发展, 获得尊重
企业使命: 客户信赖, 员工安心, 创造价值, 贡献社会
员工理念: 诚信、责任、协作、进取
质量方针: 质量为本, 客户至上, 高效负责, 持续改善
经营理念: 质量是生命, 技术求发展, 管理创效益, 服务得信任
行为准则: 正派做人, 安心干事, 自强自爱, 迅速做好

Company objectives:
 Be the expert in new materials, develop steadily, obtain respect

Company mission:
 Be trusted by customer, rest assured by the staff, creating value, contributing to society

Staff belief:
 Integrity, responsibility, cooperation, aggressive

Quality policy:
 Quality oriented, customer first, efficient and responsible, continuous improving

Business philosophy:
 Quality is life, developing from technical improvement, benefit from good management, teaching established service

Principles of conduct:
 Be decent, earnest and down to earth, self-reliance and self-love, efficient

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HCR

Heat Cure Rubber Series
高温胶系列

通用型模压胶

General purpose silicone rubber for molding (HCR)

- 用途：适用于生产普通按键、密封件等常规强度产品。
- 特性：回弹性好，加工性能优异，通过ROHS, REACH, FDA测试。
- 检测：含量50%的双二五，添加比例1%，175°C × 5min × 15Mpa。
- Application: ordinary buttons, seals and other conventional strength products.
- Key features: good resilience, excellent processability, pass ROHS, REACH, FDA.
- Test: 50%DBPMH, add 1%, 175°C × 5min × 15Mpa.



Typical Characteristics (典型数据)

型号 Product	GA-1133	GA-1143	GA-1153	GA-1163	GA-1173	GA-1183
外观 Appearance	Transparent (透明)					
可塑性 William plasticity	115	150	205	240	280	310
硬度 (邵氏) Hardness (ShoreA)	30	40	50	60	70	80
密度 Density(g/cm ³)	1.10	1.12	1.16	1.19	1.22	1.22
拉伸强度 Tensile strength(Mpa)	7.5	7.5	9	8.5	8.5	7.5
伸长率 Elongation(%)	700	500	450	400	300	200
撕裂强度 Tear strength(K N/m)	16	20	20	20	20	16



高强度模压胶

High strength silicone rubber for molding (HCR)

- 用途：适用于生产杂件、厨具、游泳用品等结构复杂的产品。
- 特性：硫化速度快，强度高，加工性能优异，通过ROHS, REACH, FDA测试。
- 检测：含量50%的双二五，添加比例1%，175°C × 5min × 15Mpa。
- Application: miscellaneous items, kitchenware, swimming supplies and other products with complex structure.
- Key features: fast curing, high strength, excellent processability, pass ROHS, REACH, FDA.
- Test: 50%DBPMH, add 1%, 175°C × 5min × 15Mpa.



Typical Characteristics (典型数据)

型号 Product	GA-1053	GA-1043	GA-1063	GA-1063	GA-1073	GA-1083
外观 Appearance	Transparent (透明)					
可塑性 William plasticity	115	150	205	240	280	310
硬度 (邵氏) Hardness (ShoreA)	30	40	50	60	70	80
密度 Density(g/cm ³)	1.10	1.12	1.16	1.19	1.22	1.22
拉伸强度 Tensile strength(Mpa)	7	8	9	8	8	7
伸长率 Elongation(%)	750	650	550	450	350	150
撕裂强度 Tear strength(K N/m)	16	20	20	20	20	16



高抗黄模压胶 High anti-yellowing silicone rubber (HCR)

- 用途: 适用于生产抗黄性要求的高档按键、密封件等产品。
- 特性: 抗黄性好, 透明度高, 加工性能优异, 通过ROHS, REACH, FDA测试。
- 检测: 含量50%的双二五, 添加比例1%, 175°C × 5min × 15Mpa。
- Application: anti-yellowing requirements of high-end buttons, sealing product etc.
- Key features: excellent anti-yellowing properties, high transparency, excellent processability, pass ROHS, REACH, FDA.
- Test: 50%DBPMH, add 1%, 175°C × 5min × 15Mpa.

Typical Characteristics (典型数据)

牌号 Product	GA-1133	GA-1141	GA-1151	GA-1161	GA-1171	GA-1131
外观 Appearance	Transparent (透明)					
可塑性 William plasticity	115	150	205	240	280	260
硬度(邵氏) Hardness (ShoreA)	30	40	50	60	70	80
密度 Density(g/cm ³)	1.10	1.12	1.16	1.19	1.22	1.23
拉伸强度 Tensile strength(Mpa)	7	9.5	8.5	8.5	7.5	7.5
伸长率 Elongation(%)	700	550	430	400	300	200
撕裂强度 Tear strength(K N/m)	15	19	20	19	19	19



高回弹模压胶 High resilience silicone rubber for molding (HCR)

- 用途: 适用于生产密封件、垫片、特殊零件等高回弹要求产品。
- 特性: 高回弹, 加工性能优异, 通过ROHS, REACH, FDA测试。
- 检测: 含量50%的双二五, 添加比例1%, 175°C × 5min × 15Mpa。
- Application: seals, gaskets, special products and other miscellaneous pieces of high resilience requirements.
- Key features: high resilience, excellent processability, pass ROHS, REACH, FDA.
- Test: 50%DBPMH, add 1%, 175°C × 5min × 15Mpa.

Typical Characteristics (典型数据)

牌号 Product	GA-1243	GA-1253	GA-1263	GA-1273
外观 Appearance	Transparent (透明)			
可塑性 William plasticity	150	195	230	260
硬度(邵氏) Hardness (ShoreA)	40	50	60	70
密度 Density(g/cm ³)	1.10	1.13	1.16	1.19
拉伸强度 Tensile strength(Mpa)	6.5	8	9	8
伸长率 Elongation(%)	700	550	390	150
撕裂强度 Tear strength(K N/m)	20	20	20	16



高撕裂模压胶 High tear strength silicone rubber for molding (HCR)

- 用途: 适用于生产各类护套、钱包、表带、橡皮筋、饰品等高强度产品。
- 特性: 高拉力, 脱模性好, 加工性能优异, 通过ROHS, REACH, FDA测试。
- 检测: 含量50%的双二五, 添加比例1%, 175°C × 5min × 15Mpa。
- Application: all kinds of sheath, wallet, watchband, rubber band, jewelry and other high strength products.
- Key features: high-tension, good release properties, excellent processability, pass ROHS, REACH, FDA.
- Test: 50%DBPMH, add 1%, 175°C × 5min × 15Mpa.

Typical Characteristics (典型数据)

牌号 Product	GA-7130	GA-7131	GA-7151	GA-7161	GA-7171
外观 Appearance	Transparent (透明)				
可塑性 William plasticity	160	200	220	240	280
硬度(邵氏) Hardness (ShoreA)	30	40	50	60	70
密度 Density(g/cm ³)	1.12	1.14	1.16	1.20	1.23
拉伸强度 Tensile strength(Mpa)	8	8	8	8	7
伸长率 Elongation(%)	350	750	650	500	400
撕裂强度 Tear strength(K N/m)	20	30	30	22	22



通用型气相胶 General purpose fumed silicone rubber for molding (HCR)

- 用途: 适用于生产各种护套、厨具、钱包、表带等常规产品。
- 特性: 硫化速度快, 强度高, 加工性能优异, 通过ROHS, REACH, LFGB测试。
- 检测: 含量50%的双二五, 添加比例1%, 175°C × 5min × 15Mpa。
- Application: all kinds of sheath, kitchenware, purse, watchband and other conventional products.
- Key features: fast curing, high strength, excellent processability, pass ROHS, REACH, LFGB.
- Test: 50%DBPMH, add 1%, 175°C × 5min × 15Mpa.

Typical Characteristics (典型数据)

牌号 Product	GA-3220	GA-3340	GA-3250	GA-3260	GA-3270	GA-3280
外观 Appearance	Transparent (透明)					
可塑性 William plasticity	140	180	210	240	280	310
硬度(邵氏) Hardness (ShoreA)	30	40	50	60	70	80
密度 Density(g/cm ³)	1.08	1.11	1.14	1.17	1.20	1.22
拉伸强度 Tensile strength(Mpa)	9	9.5	11	10.5	10.5	9
伸长率 Elongation(%)	900	700	650	600	450	350
撕裂强度 Tear strength(K N/m)	18	22	25	30	30	30



高撕裂气相胶

High tear strength fumed silicone rubber (HCR)

- 用途：适用于生产汽车配件及特殊零件等高强度产品。
- 特性：撕裂强度高，加工性能优异，通过ROHS, REACH, LFGB测试。
- 检测：含量50%的双二五，添加比例1%，175℃×5min×15Mpa。
- Application: auto parts and other miscellaneous pieces of special high strength products.
- Key features: high tear strength, excellent processability, pass ROHS, REACH, LFGB.
- Test: 50%DBPMH, add 1%, 175°C × 5min × 15Mpa.



Typical Characteristics (典型数据)

型号 Product	GA-3130	GA-3140	GA-3150	GA-3160	GA-3170
外观 Appearance	Transparent (透明)				
可塑性 William plasticity	140	180	210	240	280
硬度(邵氏) Hardness (ShoreA)	30	40	50	60	70
密度 Density(g/cm ³)	1.08	1.11	1.14	1.17	1.20
拉伸强度 Tensile strength(Mpa)	8	8	9	9	9
伸长率 Elongation(%)	900	750	750	650	600
撕裂强度 Tear strength(K N/m)	30	35	45	45	40



高抗黄气相胶

High anti-yellowing fumed silicone rubber(HCR)

- 用途：适用于生产抗黄性要求高的各种护套，厨具，钱包，表带等产品。
- 特性：强度高，透明度好，加工性能优异，通过ROHS, REACH, LFGB测试。
- 检测：含量50%的双二五，添加比例1%，175℃×5min×15Mpa。
- Application: various kinds of sheath, kitchenware, purse, watchband and so on, which require high yellowing resistance.
- Key features: high strength, good transparency, excellent processability, pass ROHS, REACH, LFGB.
- Test: 50%DBPMH, add 1%, 175°C × 5min × 15Mpa.



Typical Characteristics (典型数据)

型号 Product	GA-3331	GA-3341	GA-3351	GA-3361	GA-3371	GA-3381
外观 Appearance	Transparent (透明)					
可塑性 William plasticity	140	180	210	240	280	310
硬度(邵氏) Hardness (ShoreA)	30	40	50	60	70	80
密度 Density(g/cm ³)	1.08	1.11	1.14	1.17	1.20	1.22
拉伸强度 Tensile strength(Mpa)	8	11	11	11	9	8
伸长率 Elongation(%)	800	800	700	600	400	200
撕裂强度 Tear strength(K N/m)	18	22	25	30	30	22



高回弹气相胶

High resilience fumed silicone rubber (HCR)

- 用途：适用于生产高档密封件，餐垫，运动坐垫等高回弹产品。
- 特性：回弹性高，加工性能优异，通过ROHS, REACH, LFGB测试。
- 检测：含量50%的双二五，添加比例1%，175℃×5min×15Mpa。
- Application: high grade seals, mats, sports cushions and other high resilience products.
- Key features: high resilience, excellent processability, pass ROHS, REACH, LFGB.
- Test: 50%DBPMH, add 1%, 175°C × 5min × 15Mpa.



Typical Characteristics (典型数据)

型号 Product	GA-3022	GA-3043	GA-3063	GA-3083	GA-3073
外观 Appearance	Transparent (透明)				
可塑性 William plasticity	140	180	200	230	260
硬度(邵氏) Hardness (ShoreA)	30	40	50	60	70
密度 Density(g/cm ³)	1.08	1.10	1.12	1.16	1.18
拉伸强度 Tensile strength(Mpa)	6.5	8	9	9	8.5
伸长率 Elongation(%)	550	600	400	300	200
撕裂强度 Tear strength(K N/m)	12	20	20	20	20



高透明气相胶

High transparent fumed silicone rubber (HCR)

- 用途：适用于生产奶嘴，高透明杂件及高透明医疗卫生制品。
- 特性：透明度高，强度高，加工性能优异，通过ROHS, REACH, LFGB测试。
- 检测：含量50%的双二五，添加比例1%，175℃×5min×15Mpa。
- Application: nipple, high transparent sundries and high transparent health products.
- Key features: high transparency, high strength, excellent processability, pass ROHS, REACH, LFGB.
- Test: 50%DBPMH, add 1%, 175°C × 5min × 15Mpa.



Typical Characteristics (典型数据)

型号 Product	GA-3331	GA-3341	GA-3351	GA-3361	GA-3371
外观 Appearance	Transparent (透明)				
可塑性 William plasticity	155	200	220	260	280
硬度(邵氏) Hardness (ShoreA)	30	40	50	60	70
密度 Density(g/cm ³)	1.08	1.11	1.14	1.17	1.20
拉伸强度 Tensile strength(Mpa)	9	10	10	10	9
伸长率 Elongation(%)	850	750	650	550	400
撕裂强度 Tear strength(K N/m)	20	22	25	30	25



沉淀挤出胶

General purpose precipitated silicone rubber for extrusion(HCR)

- 用途：适用于生产普通电线、电缆、胶管、胶条等常规挤出成型产品。
- 特性：挤出速度快，电性能好，加工性能优异，通过ROHS,REACH,FDA测试。
- 检测：含量50%的双二四，添加比例1.3%，130℃×5min×15Mpa。
- Application: conventional extrusion products such as ordinary wire, cable, hose, glue strip etc.
- Key features: extrusion speed is fast, good electrical performance, excellent processability, pass ROHS, REACH, FDA.
- Test: 50%DCBP, add 1.3%, 130℃×5min×15Mpa.

Typical Characteristics (典型数据)

牌号 Product	GA-1043J	GA-1053J	GA-1063J	GA-1073J	GA-1083J
外观 Appearance	Transparent (透明)				
可塑性 William plasticity	150	215	260	260	310
硬度(邵氏)Hardness (ShoreA)	42	52	60	70	78
密度 Density(g/cm ³)	1.13	1.18	1.18	1.22	1.22
拉伸强度 Tensile strength(Mpa)	7.5	7.5	7.5	7	7
伸长率 Elongation(%)	650	450	350	250	200
撕裂强度 Tear strength(K N/m)	18	20	20	20	18



气相挤出胶

General purpose fumed silicone rubber for extrusion(HCR)

- 用途：适用于生产胶管、密封条等气相挤出成型产品。
- 特性：抗黄性好，加工性能优异，通过ROHS,REACH,LFGD测试。
- 检测：含量50%的双二四，添加比例1.3%，130℃×5min×15Mpa。
- Application: it is suitable for the production of gas phase extrusion products such as hose, sealing strip and so on.
- Key features: anti yellow nice, excellent processability, pass ROHS, REACH, LFGB
- Test: 50%DCBP, add 1.3%, 130℃×5min×15Mpa.

Typical Characteristics (典型数据)

牌号 Product	GA-324J	GA-325J	GA-326J	GA-327J	GA-328J
外观 Appearance	Transparent (透明)				
可塑性 William plasticity	180	210	260	260	310
硬度(邵氏)Hardness (ShoreA)	42	52	58	68	78
密度 Density(g/cm ³)	1.11	1.14	1.17	1.20	1.22
拉伸强度 Tensile strength(Mpa)	9	10	9	9	8
伸长率 Elongation(%)	600	550	450	350	250
撕裂强度 Tear strength(K N/m)	18	22	22	22	22



高硬度胶

High hardness silicone rubber (HCR)

- 用途：适用于生产脚垫、厨具、密封件、杂件等高硬度产品。
- 特性：硬度高，强度高，通过ROHS,REACH,FDA测试。
- 检测：含量50%的双二五，添加比例1%，175℃×5min×15Mpa。
- Application: mats, kitchen utensils, seals, and other miscellaneous pieces of high hardness of the product.
- Key features: high hardness, good strength, pass ROHS, REACH, FDA.
- Test: 50%DBPMH, add 1%, 175℃×5min×15Mpa.

Typical Characteristics (典型数据)

牌号 Product	GA-1097W	GA-3091
外观 Appearance	Transparent (透明)	
可塑性 William plasticity	240	380
硬度(邵氏)Hardness (ShoreA)	90	90
密度 Density(g/cm ³)	1.23	1.25
拉伸强度 Tensile strength(Mpa)	5	7
伸长率 Elongation(%)	40	30
撕裂强度 Tear strength(K N/m)	12	20



低硬度胶

Low hardness silicone rubber(HCR)

- 用途：适用于生产保鲜膜、防滑垫、鞋垫等。
- 特性：高强度，低硬度，良好的柔软性，通过ROHS,REACH测试。
- 检测：含量50%的双二五，添加比例1%，175℃×5min×15Mpa。
- Application: fresh keeping film, antiskid mat, insole, etc.
- Key features: high strength, low hardness, good softness, pass ROHS, REACH.
- Test: 50%DBPMH, add 1%, 175℃×5min×15Mpa.

Typical Characteristics (典型数据)

牌号 Product	GA-7005	GA-7010	GA-7120	GA-1023	GA-3005	GA-3010	GA-3021
外观 Appearance	Transparent (透明)						
可塑性 William plasticity	50	80	140	100	50	80	100
硬度(邵氏)Hardness (ShoreA)	5	10	25	22	5	10	25
密度 Density(g/cm ³)	1.05	1.08	1.1	1.08	1.05	1.07	1.08
拉伸强度 Tensile strength(Mpa)	1.5	2.5	7	5	1.5	3	6
伸长率 Elongation(%)	850	850	600	700	850	900	800
撕裂强度 Tear strength(K N/m)	4	5	14	10	5	8	12



阻燃胶 (2mm阻燃)

Flame retardant silicone rubber(2mm) (HCR)

- 用途: 适用于生产各种阻燃制品。
- 特性: 高强度, 无毒阻燃, 阻燃性能优异, 产品通过ROHS, REACH认证。
- 检测: 含量50%的双二五, 添加比例1%, 175°C × 5min × 15Mpa。
- Application: It is suitable for producing all kinds of flame retardant products.
- Key features: high strength, halogen-free flame retardant, excellent flame retardancy, pass ROHS, REACH.
- Test: 50%DBPMH, add 1%, 175°C × 5min × 15Mpa.

Typical Characteristics (典型数据)

型号 Product	GA-8161P	GA-8161F	GA-8171F	GA-8181F
外观 Appearance	White (白色)			
可塑性 William plasticity	210	255	300	340
硬度 (邵氏) Hardness (ShoreA)	50	60	70	80
密度 Density(g/cm ³)	1.35	1.45	1.45	1.48
拉伸强度 Tensile strength(Mpa)	6.0	6.0	6.0	6.5
伸长率 Elongation(%)	380	280	200	200
撕裂强度 Tear strength(KN/m)	14	13	13	12
阻燃等级 Flame class(3mm)	V-0			



高强度阻燃胶

High strength flame retardant silicone rubber (HCR)

- 用途: 电缆专用阻燃胶。
- 特性: 高强度, 无毒阻燃, 阻燃性能优异, 产品通过ROHS, REACH认证。
- 检测: 含量双二四, 添加比例1.3%, 120°C × 10min × 15Mpa。
- Application: flame retardant adhesive for cable.
- Key features: high strength, halogen-free flame retardant, excellent flame retardancy, pass ROHS, REACH.
- Test: DCBP, add 1.3%, 120°C × 10min × 15Mpa.

Typical Characteristics (典型数据)

型号 Product	GA-8162P	GA-8172P
外观 Appearance	White (白色)	White (白色)
可塑性 William plasticity	260	280
硬度 (邵氏) Hardness (ShoreA)	60	67
密度 Density(g/cm ³)	1.35	1.38
拉伸强度 Tensile strength(Mpa)	8.5	8.0
伸长率 Elongation(%)	390	380
撕裂强度 Tear strength(KN/m)	20	20
阻燃等级 Flame class(3mm)	V-0	V-0



阻燃胶 (UL认证)

Flame retardant silicone rubber(ULcertificated) (HCR)

- 用途: 各种阻燃制品。
- 特性: 无毒阻燃, 阻燃性能优异, 耐热性好, 产品通过ROHS, REACH认证。
- 检测: 纯双二五, 添加比例0.5%, 175°C × 5min × 15Mpa。
- Application: all kinds of flame retardant products.
- Key features: halogen-free flame retardant, excellent flame retardancy, good thermal resistance, pass ROHS, REACH.
- Test: DBPMH, add 0.5%, 175°C × 5min × 15Mpa.

Typical Characteristics (典型数据)

型号 Product	GA-8761					GA-8961W
外观 Appearance	Black (黑色)					White (白色)
硬度 (邵氏) Hardness (ShoreA)	40	52	58	70	80	53
密度 Density(g/cm ³)	1.38	1.38	1.40	1.50	1.52	1.44
拉伸强度 Tensile strength(Mpa)	8.5	6.0	5.5	5.0	4.5	7.0
伸长率 Elongation(%)	380	400	350	360	170	400
撕裂强度 Tear strength(KN/m)	20	17.0	15	14	12	15
阻燃等级 Flame class(3mm)	UL94V-0					
档案编号 UL file number	E484677					—



新能源汽车用胶

Silicone rubber for green car

- 用途: 适用于生产新能源特种要求的产品, 散热片, 超热电线电缆, 导热垫片等。
- 特性: 良好的耐热性能和机械强度, 产品通过ROHS, REACH认证。
- 检测: 含量50%的双二五, 添加比例1%, 175°C × 5min × 15Mpa。
- Application: It is suitable for the production of new energy special requirements products, heat sink, flame retardant wire and cable, thermal conductive gasket and so on.
- Key features: good heat resistance and mechanical, pass ROHS, REACH.
- Test: 50%DBPMH, add 1%, 175°C × 5min × 15Mpa.

阻燃电线电缆胶 Typical Characteristics (典型数据)

型号 Product	GA-8961W-70E	GA-8961W-65E
外观 Appearance	White/白色	Little yellow/淡黄色
可塑性 William plasticity	330	250
硬度 (邵氏) Hardness (ShoreA)	73	65-70
密度 Density(g/cm ³)	1.5	1.20
拉伸强度 Tensile strength(Mpa)	5.5	6.0
伸长率 Elongation(%)	200	700
撕裂强度 Tear strength(KN/m)	13	40
阻燃性 Fire resistance	GB/T2408-2008	UL94V-0
硫化剂 Curing agent	DCBP双二四	Ptase/cisplatin 铂钨钼

导热胶 Typical Characteristics (典型数据)

型号 Product	GA-8650
外观 Appearance	Black/灰白色
可塑性 William plasticity	180
硬度 (邵氏) Hardness (ShoreA)	53
密度 Density(g/cm ³)	1.8
拉伸强度 Tensile strength(Mpa)	1.5
伸长率 Elongation(%)	280
撕裂强度 Tear strength(KN/m)	8
导热系数 Carbon thermal conductivity(W/M)	1.0
硫化剂 Curing agent	DCBP 双二四



电缆附件用硅橡胶(双2, 5)(HCR) Silicone rubber for cable accessories (DBPMH) (HCR)

- 产品描述: 本品为双二五硫化的耐电压高弹性橡胶。
- 主要应用: 中电压电压电缆附件; 户内外冷缩终端, 护套管等。
- 产品特性: 注射成型, 高拉伸, 高伸长, 高抗撕, 定伸变形小, 通过ROHS, REACH认证。
- 检测条件: 双二五硫化, 170°C*10分钟, 200°C*4H。
- Product description: this product DBPMH vulcanized high voltage resistant silicone rubber.
- Key application: intermediate voltage cable accessories: internal and external cold contraction terminal, sheath and so on.
- Key features: injection molding, high tensile, high elongation, high tear strength, small deformation, pass ROHS, REACH.
- Test: DBPMH, 170°C*10min, 200°C*4H.

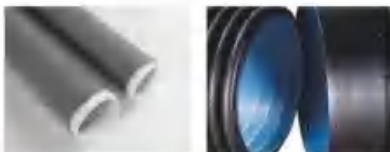


Typical Characteristics (典型数据)

牌号 Product	GA-9442	GA-9443
外观 Appearance	淡黄色(faint yellow)	
硬度 William plasticity	160	160
硬度(邵氏) Hardness (ShoreA)	43	43
密度 Density(g/cm ³)	1.125	1.14
拉伸强度 Tensile strength(Mpa)	10.0	10.0
伸长率 Elongation(%)	700	700
固定永久变形 (100%*75°C*30min) Fixed Tensile Set	7	7
撕裂强度 Tear strength(KN/m)	25	25
介电常数 Dielectric constant at 100HZ	3.03	3.03
损耗因子 Dissipation factor at 100HZ	0.0029	0.0029
耐漏电起痕性能 Tracking resistance	—	1A3.5
击穿强度 Dielectric Strength (KV/mm)	24.3	24.3
体积电阻率 Volume Resistivity(Ohm.cm)	1.0*10 ¹⁶	1.0*10 ¹⁶

电缆附件用硅橡胶(铂金) Silicone rubber for cable accessories (platinum) (HCR)

- 产品描述: 本品为铂金硫化的耐电压高弹性橡胶。
- 主要应用: 冷缩电缆套管, 4G通讯电缆套管。
- 产品特性: 挤出成型, 高拉伸, 高伸长, 高抗撕, 定伸变形小; 通过ROHS, REACH认证。
- 检测条件: 铂金硫化, A:0.5%; B:0.7%; 130°C*10分钟, 200°C*4H。
- Product description: platinum curing high voltage resistant silicone rubber.
- Key application: cold shrink cable sleeve, 4G communication cable sleeve.
- Key features: extrusion molding, high tensile, high elongation, high tear strength, small deformation, pass ROHS, REACH.
- Test: platinum curing, A:0.5%, B:0.7%, 130°C*10minutes, 200°C*4H.



Typical Characteristics (典型数据)

牌号 Product	GA-9440
外观 Appearance	透明transparent
硬度 William plasticity	160
硬度(邵氏) Hardness (ShoreA)	43
密度 Density(g/cm ³)	1.125
拉伸强度 Tensile strength(Mpa)	10.0
伸长率 Elongation(%)	900
固定永久变形 (100%*75°C*30min) Fixed Tensile Set	7
撕裂强度 Tear strength(KN/m)	45
介电常数 Dielectric constant at 100HZ	3.03
损耗因子 Dissipation factor at 100HZ	0.0029
耐漏电起痕性能 Tracking resistance	—
击穿强度 Dielectric Strength (KV/mm)	23
体积电阻率 Volume Resistivity(Ohm.cm)	1.0*10 ¹⁶

铂金挤出胶 Platinum catalyzed silicone rubber for extrusion (HCR)

- 用途: 适用于生产胶管、胶条等制品。
- 特性: 优良的力学性能, 良好的透明度与抗黄性, 无毒无味, 安全环保, 通过ROHS, REACH, FDA, LFGB认证。
- 检测: 铂金硫化剂, 130°C*5min*15Mpa。
- Application: it can be used in the production of hose, rubber strip and other products.
- Key features: excellent mechanical properties, good transparency and anti yellowing, non-toxic tasteless, HSE, pass ROHS, REACH, FDA, LFGB.
- Test: platinum vulcanizing agent, 130°C*5min*15Mpa.



Typical Characteristics (典型数据)

牌号 Product	GA-9051	GA-9051	GA-9061	GA-9071	GA-9081
外观 Appearance	透明透明 (透明)				
硬度 William plasticity	190	210	240	270	290
硬度(邵氏) Hardness (ShoreA)	40	50	60	70	80
密度 Density(g/cm ³)	1.12	1.16	1.18	1.19	1.21
拉伸强度 Tensile strength(Mpa)	9.0	10.0	10.0	9.5	9.0
伸长率 Elongation(%)	900	700	600	500	400
撕裂强度 Tear strength(KN/m)	30	35	35	35	35

铂金模压胶 Platinum moulding silicone rubber (HCR)

- 用途: 适用于生产厨房用品。
- 特性: 优良的力学性能, 无毒无味, 安全环保, 通过ROHS, REACH, FDA, LFGB。
- 检测: 铂金硫化剂, 130°C*5min*15Mpa。
- Application: applicable to the production of kitchen supplies.
- Key features: excellent mechanical properties, non-toxic tasteless, HSE, pass ROHS, REACH, FDA, LFGB.
- Test: platinum vulcanizing, 130°C*5min*15Mpa.



Typical Characteristics (典型数据)

牌号 Product	GA-9031B	GA-9051B	GA-9061B	GA-9071B	GA-9081B
外观 Appearance	透明透明 (透明)				
硬度 William plasticity	190	210	240	270	290
硬度(邵氏) Hardness (ShoreA)	40	50	60	70	80
密度 Density(g/cm ³)	1.12	1.16	1.18	1.19	1.21
拉伸强度 Tensile strength(Mpa)	9.0	10.0	10.0	9.5	9.0
伸长率 Elongation(%)	900	700	600	500	400
撕裂强度 Tear strength(KN/m)	30	35	35	35	35

医疗级铂金胶

Platinum catalyzed silicone rubber for medical (HCR)

- 用途：适用于生产医疗用品。
- 特性：高强度、高透明，抗黄性好，无毒无味，安全环保，通过ROHS、REACH、FDA、LFGB认证，通过ISO10993生物相容性测试。
- 检测：铂金AB胶比例为1:1，130℃×5min×15Mpa。
 - Application: medical products.
 - Key features: high strength, high transparency, good anti-yellow, non-toxic, tasteless, HSE, pass ROHS, REACH, FDA, LFGB, PASS ISO10993 biocompatibility test.
 - Test: platinum AB rubber ratio 1:1, 130℃×5min×15Mpa.



Typical Characteristics (典型数据)

型号 Product	GA-9035AB	GA-9041AB	GA-9047AB	GA-9051AB	GA-9057AB	GA-9061AB
外观 Appearance	Transparent (透明)					
可塑性 William plasticity	150	190	240	240	270	280
硬度(邵氏) Hardness (ShoreA)	36	40	50	60	70	80
密度 Density(g/cm ³)	1.10	1.13	1.16	1.18	1.19	1.21
拉伸强度 Tensile strength(Mpa)	10	9.0	10.0	10.0	9.5	9.0
伸长率 Elongation(%)	1050	900	700	600	500	400
撕裂强度 Tear strength(K N/m)	25	30	35	35	35	35

高寿命胶

High life silicone rubber (HCR)

- 用途：适用于生产按键等。
- 特性：强度高，回弹性好，使用寿命达1000万次。产品通过ROHS、REACH、FDA认证。
- 检测：含量50%的双二五，添加比例1%，175℃×5min×15Mpa。
 - Application: buttons, etc.
 - Key features: high strength, good rebound, the service life is up to 10 million times, pass ROHS, REACH, FDA.
 - Test: 50%DBPMMH, add 1%, 175℃×5min×15Mpa.



Typical Characteristics (典型数据)

型号 Product	GA-9550	GA-9560
外观 Appearance	Transparent (透明)	
可塑性 William plasticity	200	320
硬度(邵氏) Hardness (ShoreA)	50	60
密度 Density(g/cm ³)	1.17	1.19
拉伸强度 Tensile strength(Mpa)	9.0	10.0
伸长率 Elongation(%)	500	450
撕裂强度 Tear strength(K N/m)	25	25



抗静电沉淀胶

Antistatic precipitated silicone rubber (HCR)

- 用途：适用于生产抗静电电子产品保护套和胶辊。
- 特性：无异味，抗静电效果好，产品通过ROHS、REACH认证。
- 检测：含量50%的双二五，添加比例1%，175℃×5min×15Mpa。
 - Application: apply to producing antistatic electronic products, like sheath, roller.
 - Key features: tasteless, excellent antistatic property, pass ROHS, REACH.
 - Test: 50%DBPMMH, add 1%, 175℃×5min×15Mpa.



Typical Characteristics (典型数据)

型号 Product	GA-9131	GA-9141	GA-9151	GA-9161	GA-9171
外观 Appearance	Transparent (透明)				
可塑性 William plasticity	120	140	200	240	270
硬度(邵氏) Hardness (ShoreA)	30	40	50	60	70
密度 Density(g/cm ³)	1.11	1.14	1.17	1.18	1.19
拉伸强度 Tensile strength(Mpa)	7.0	8.0	8.5	8.5	8
伸长率 Elongation(%)	700	600	550	500	450
撕裂强度 Tear strength(K N/m)	15	18	20	20	25
表面电阻率	10 ¹¹				



抗静电电气相胶

Antistatic fumed silicone rubber (HCR)

- 用途：适用于生产抗静电电子产品保护套和胶辊。
- 特性：强度高，无异味，抗静电效果好，产品通过ROHS、REACH认证。
- 检测：含量50%的双二五，添加比例1%，175℃×5min×15Mpa。
 - Application: apply to producing antistatic electronic products, like sheath, roller.
 - Key features: high strength, tasteless, excellent antistatic property, pass ROHS, REACH.
 - Test: 50%DBPMMH, add 1%, 175℃×5min×15Mpa.



Typical Characteristics (典型数据)

型号 Product	GA-9130	GA-9140	GA-9150	GA-9160	GA-9170
外观 Appearance	Transparent (透明)				
可塑性 William plasticity	150	190	250	280	300
硬度(邵氏) Hardness (ShoreA)	30	40	50	60	70
密度 Density(g/cm ³)	1.11	1.14	1.17	1.20	1.21
拉伸强度 Tensile strength(Mpa)	9.0	9.5	10.0	9.0	8.5
伸长率 Elongation(%)	900	700	600	500	400
撕裂强度 Tear strength(K N/m)	17	20	25	25	25
表面电阻率	10 ¹¹				



沉淀冒油胶

Oil bleeding precipitated silicone rubber (HCR)

- 用途: 适用于生产密封堵等产品。
- 特性: 良好的冒油性, 含油量达7%以上, 产品通过ROHS, REACH认证。
- 检测: 含量50%的双二五, 添加比例1%, 175°C × 5min × 15Mpa。
- Application: suitable for production of sealing plug and other products.
- Key features: good oil caving, the oil content is over 7%, pass ROHS, REACH.
- Test: 50%DBP/MI, add 1%, 175°C × 5min × 15Mpa.



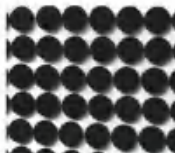
Typical Characteristics (典型数据)

牌号 Product	GA-9331	GA-9341	GA-9351	GA-9361	GA-9371
外观 Appearance	Transparent (透明)				
可塑性 William plasticity	120	150	160	210	240
硬度(邵氏) Hardness (ShoreA)	30	40	50	60	70
密度 Density(g/cm ³)	1.12	1.14	1.17	1.20	1.21
拉伸强度 Tensile strength(Mpa)	5.0	5.5	6.5	8.0	7.0
伸长率 Elongation(%)	800	600	500	400	300
撕裂强度 Tear strength(K Nm)	15	18	20	20	20

气相冒油胶

Oil bleeding fumed silicone rubber (HCR)

- 用途: 适用于生产汽车配件、插件件等。
- 特性: 高强度, 良好的冒油性, 含油量达7%以上, 产品通过ROHS, REACH认证。
- 检测: 含量50%的双二五, 添加比例1%, 175°C × 5min × 15Mpa。
- Application: applicable to the production of auto parts, plug and pieces, etc.
- Key features: high strength, good oil caving, the oil content is over 7%, pass ROHS, REACH.
- Test: 50%DBP/MI, add 1%, 175°C × 5min × 15Mpa.



Typical Characteristics (典型数据)

牌号 Product	GA-9370	GA-9380	GA-9350	GA-9350	GA-9370
外观 Appearance	Transparent (透明)				
可塑性 William plasticity	130	170	200	220	240
硬度(邵氏) Hardness (ShoreA)	30	40	50	60	70
密度 Density(g/cm ³)	1.12	1.14	1.17	1.20	1.21
拉伸强度 Tensile strength(Mpa)	9.0	10	10	9.5	8.5
伸长率 Elongation(%)	850	900	700	500	350
撕裂强度 Tear strength(K Nm)	20	25	30	25	25

导热胶

Thermal conductivity silicone rubber (HCR)

- 用途: 适用于生产导热硅胶布, 导热垫片等。
- 特性: 强度高, 导热系数可达0.5-2w/m²k, 产品通过ROHS, REACH认证。
- 检测: 含量50%的双二五, 添加比例1%, 175°C × 5min × 15Mpa。
- Application: suitable for the production of heat conductive silicone rubber tape, thermal conductive gasket and so on.
- Key features: high strength, the thermal conductivity can reach 0.5-2w/m²k, pass ROHS, REACH.
- Test: 50%DBP/MI, add 1%, 175°C × 5min × 15Mpa.



Typical Characteristics (典型数据)

牌号 Product	GA-9600	GA-9640	GA-9650	GA-9660	GA-9670	GA-9680	9680E
外观 Appearance	Grey (灰白色)						Black黑色
可塑性 William plasticity	160	180	200	220	240	270	270
硬度(邵氏) Hardness (ShoreA)	30	40	50	60	70	75	75
密度 Density(g/cm ³)	2.1	2.13	2.15	2.2	2.25	2.04	2.35
拉伸强度 Tensile strength(Mpa)	1.0	1.5	2.0	2.0	2.5	4.5	4.7
伸长率 Elongation(%)	800	750	700	600	500	80	120
撕裂强度 Tear strength(K Nm)	5	5	5	10	10	8.0	11.3
导热系数 Coefficient of thermal conductivity(W/mk)	0.8	0.8	0.8	0.9	0.9	0.8	0.9

耐油胶

Oil resistant silicone rubber (HCR)

- 用途: 适用于生产需要耐油性的制品。
- 特性: 强度高, 对于ASTM#1和IRM903油有良好的抗耐性, 产品通过ROHS, REACH。
- 检测: 含量50%的双二五, 添加比例1%, 175°C × 5min × 15Mpa。
- Application: suitable for the production of oil resistant products.
- Key features: high strength, for ASTM#1 and IRM903 Oil has good tolerance, pass ROHS, REACH.
- Test: 50%DBP/MI, add 1%, 175°C × 5min × 15Mpa.



Typical Characteristics (典型数据)

牌号 Product	GA-9740	GA-9750	GA-9760	GA-9770
外观 Appearance	Grey (灰色)			
可塑性 William plasticity	140	170	220	260
硬度(邵氏) Hardness (ShoreA)	40	50	60	70
密度 Density(g/cm ³)	1.21	1.25	1.20	1.28
拉伸强度 Tensile strength(Mpa)	3.5	4.5	5.0	5.5
伸长率 Elongation(%)	700	680	400	250
撕裂强度 Tear strength(K Nm)	12	15	15	15
压缩永久变形 (175°C × 22H × 25%load) of 888888	20%	20%	20%	20%
热空气老化 air ageing 225°C × 70H	Hardness change rate 硬度变化	1	2	2
	Tensile strength change rate 拉伸强度变化	-25%	-25%	-25%
	Rate of elongation change 伸长率变化	-30%	-30%	-30%
	Hardness change rate 硬度变化	-18	-18	-17
耐IRM903油 IRM903 oil 150°C × 70H	Tensile strength change rate 拉伸强度变化	-35%	-35%	-35%
	Rate of elongation change 伸长率变化	-20%	-20%	-20%

低压变沉淀胶

Low compression set precipitated silicone rubber (HCR)

- 用途: 适用于生产密封圈、胶辊、汽车配件等制品。
- 特性: 高回弹、低压缩永久变形, 无毒无味安全环保, 通过ROHS、REACH、FDA认证。
- 检测: 含量50%的双二五, 添加比例1%, 175°C × 5min × 15Mpa。
- Application: suitable for the production of sealing ring, coils, auto parts and other products.
- Key features: high resilience, low compression constant performance, non-toxic tasteless HSE, pass ROHS, REACH, FDA.
- Test: 50%DBPMH, add 1%, 175°C × 5min × 15Mpa.

Typical Characteristics (典型数据)

型号 Product	GA-9931	GA-9941	GA-9951	GA-9961	GA-9911
外观 Appearance	Transparent (透明)				
可塑性 William plasticity	120	140	160	18	210
硬度(邵氏) Hardness (ShoreA)	30	40	50	60	70
密度 Density(g/cm ³)	1.10	1.11	1.12	1.13	1.15
拉伸强度 Tensile strength(Mpa)	6.0	6.0	6.0	6.0	6.5
伸长率 Elongation(%)	700	600	250	200	150
撕裂强度 Tear strength(K N/m)	15	15	15	15	15
压缩永久变形(175°/22h) Compression (%)	10	10	8	8	10



低压变气相胶

Low compression set fumed silicone rubber(HCR)

- 用途: 适用于生产密封圈、胶辊、汽车配件等制品。
- 特性: 高回弹, 低压缩永久变形, 无毒无味安全环保, 通过ROHS、REACH、FDA认证。
- 检测: 含量50%的双二五, 添加比例1%, 175°C × 5min × 15Mpa。
- Application: suitable for the production of sealing ring, coils, auto parts and other products.
- Key features: high resilience, low compression constant performance, non-toxic tasteless HSE, pass ROHS, REACH, FDA.
- Test: 50%DBPMH, add 1%, 175°C × 5min × 15Mpa.

Typical Characteristics (典型数据)

型号 Product	GA-9920	GA-9920	GA-9950	GA-9960	GA-9910
外观 Appearance	Faint yellow淡黄		Transparent (透明)		
可塑性 William plasticity	100	120	190	220	270
硬度(邵氏) Hardness (ShoreA)	21	30	50	60	70
密度 Density(g/cm ³)	1.05	1.11	1.13	1.15	1.17
拉伸强度 Tensile strength(Mpa)	5.0	7.0	8.0	9.0	9.0
伸长率 Elongation(%)	600	500	400	350	250
撕裂强度 Tear strength(K N/m)	10	15	20	20	20
压缩永久变形(175°/22h) Compression (%)	13	12	15	15	15



耐热胶

Heat resistant silicone rubber (250 and 300 centigrade) (HCR)

- 用途: 适用于生产汽车配件、耐热胶辊、耐热密封件等制品。
- 特性: 良好的耐热性能和机械强度, 产品通过ROHS、REACH、FDA认证。
- 检测: 含量50%的双二五, 添加比例1%, 175°C × 5min × 15Mpa。
- Application: auto parts, heat resistant coils, heat-resistant seals and other products.
- Key features: good heat resistance and mechanical strength, pass ROHS, REACH, FDA.
- Test: 50%DBPMH, add 1%, 175°C × 5min × 15Mpa.

250 Centigrade Degree Typical Characteristics

250度耐高温胶产品性能参照表(典型数据)

型号 Product	GA-6041A	GA-6051A	GA-6061A	GA-6071A	
外观 Appearance	Transparent (透明)				
可塑性 William plasticity	150	200	240	240	
硬度(邵氏) Hardness (ShoreA)	40	50	60	70	
密度 Density(g/cm ³)	1.14	1.16	1.18	1.20	
拉伸强度 Tensile strength(Mpa)	8.5	9.0	9.5	9.0	
伸长率 Elongation(%)	700	600	500	400	
撕裂强度 Tear strength(K N/m)	15	20	25	25	
250°C × 72h 热老化 aging	Hardness 硬度	45	54	64	75
	Tensile strength 拉伸强度	6.2	7.3	7.5	6.8
	Elongation 伸长率	380	300	280	200



300 Centigrade Degree Typical Characteristics

300度耐高温胶产品性能参照表(典型数据)

型号 Product	GA-6041F	GA-6051F	GA-6061F	GA-6071F	
外观 Appearance	Little yellow (米黄色)				
可塑性 William plasticity	150	200	240	240	
硬度(邵氏) Hardness (ShoreA)	40	50	60	70	
密度 Density(g/cm ³)	1.14	1.16	1.18	1.20	
拉伸强度 Tensile strength(Mpa)	8.5	9.0	9.5	9.0	
伸长率 Elongation(%)	700	600	500	400	
撕裂强度 Tear strength(K N/m)	15	20	25	25	
300°C × 72h 热老化 aging	Hardness 硬度	46	63	73	77
	Tensile strength 拉伸强度	5.2	5.0	4.9	5.2
	Elongation 伸长率	350	220	180	100

耐热线胶

Heat resistant silicone rubber for electric wire (HCR)

- 用途：适用于生产耐热线胶。
- 特性：耐热性能优异，符合UL1581耐热标准；产品通过ROHS,REACH认证。
- 检测：含量50%的双二四，添加比例1.3%，120℃×10min×15Mpa。
- Application: It is suitable for producing heat-resistant wire adhesive.
- Key features: excellent heat resistance, UL1581 heat resistance standard, pass ROHS, REACH.
- Test: 50%DCBP, add 1.3%, 120℃×10min×15Mpa.

Typical Characteristics (典型数据)

型号 Product	GA-6071J	GA-6175J
外观 Appearance	Transparent透明	White白色
肖氏硬度 Shore hardness	240	260
硬度(邵氏) Hardness (ShoreA)	70	74
拉伸强度 Tensile strength(Mpa)	11	9.0
伸长率 Elongation(%)	300	280
撕裂强度 Tear strength(K N/m)	15	10
老化拉伸强度 Aging tensile strength(210℃*20d)	6.0	5.7
老化伸长率 Aging elongation(210℃*20d)	100	80
阻燃等级 Flame class	HB	HB



高等级抗静电胶

High grade antistatic silicone rubber (HCR)

- 用途：适用于生产抗静电胶板、抗静电垫片、手机模具、工业杂件等。
- 特性：无异味，抗静电效果好，产品通过ROHS测试。
- 检测：含量50%的双二五，添加比例1%，175℃×5min×15Mpa。
- Application: apply to producing antistatic roller, antistatic gasket, mobile phone fixture, miscellaneous pieces of industrial.
- Key features: tasteless, excellent antistatic property, pass ROHS.
- Testing: 50%DCBP, add 1%, 175℃×5min×15Mpa.

Typical Characteristics (典型数据)

型号 Product	GA-9133	GA-9143	GA-9153	GA-9163	GA-9173
外观 Appearance	Transparent (透明)				
硬度(邵氏) Hardness (ShoreA)	30	40	50	60	70
密度 Density(g/cm ³)	1.08	1.12	1.14	1.16	1.18
拉伸强度 Tensile strength(Mpa)	3.0	4	5	6	6
伸长率 Elongation(%)	600	550	450	350	200
撕裂强度 Tear strength(K N/m)	10	12	14	16	16
表面电阻 Ω	10 ¹² —10 ¹⁷				



烫金辊胶

Hot stamping roll silicone rubber (HCR)

- 用途：适用于生产烫金铁辊、高温烫金板、热转印辊轮、复印机辊轮等。
- 特性：具有优异的高低温性(-60℃-350℃)、回弹性、耐磨性，压缩永久变形小，不易变形和破裂，使用寿命长。
- 检测：含量50%的双二五，添加比例1%，175℃×5min×15Mpa。
- Application: suitable for producing hot stamping rolls, hot stamping plate, hot transfer roller, copier roller, etc.
- Key features: excellent resistance to high and low temperature (-60℃ - 350℃), resilience and abrasion resistance, compression permanent deformation small, not easy to deformation and fracture, long service life.
- Testing: 50%DCBP, add 1%, 175℃×5min×15Mpa.

Typical Characteristics (典型数据)

型号 Product	GA-5750	GA-5770	GA-5780	GA-574*	GA-576*
外观 Appearance	Hoary 灰白色			Faint yellow 淡黄色	
硬度(邵氏) Hardness (ShoreA)	55	70	80	45	60
拉伸强度 Tensile strength(Mpa)	5.5	6	7	6	6
伸长率 Elongation(%)	230	150	100	400	350
撕裂强度 Tear strength(K N/m)	10	9	9	15	25
压缩永久变形(175℃*22h) Compression (%)	8%	10%	10%	10%	10%



耐高温阻燃胶

Heat resistant and flame retardant silicone rubber (HCR)

- 用途：适用于生产铁路车辆用耐高温电力电缆和阻燃杂件。
- 特性：符合EN50382-2, EN45545-2要求。
- 检测：含量50%的过氧化二(双二四)，添加比例1.3%，120℃*10分钟*15Mpa, 2mm试样。
- Application: suitable for producing high temperature resistant power cables and flame retardant miscellaneous parts for railway vehicles.
- Features: complies with EN50382-2 and EN45545-2.
- Testing: 50% DCBP, add 1.3%, 120℃*10minutes*15Mpa, 2 mm specimens.

Typical Characteristics (典型数据)

型号 Product	GA-8173RZH
外观 Appearance	灰色 grey
密度 Density(g/cm ³)	2.50
硬度(邵氏) Hardness (ShoreA)	70
密度 Density(g/cm ³)	1.47
拉伸强度 Tensile strength(Mpa)	6.3
伸长率 Elongation(%)	230
撕裂强度 Tear strength(K N/m)	14
200℃*24h老化后拉伸强度 Tensile strength after aging	6.5
200℃*24h老化后伸长率 Elongation after aging	160



LSR

Liquid Silicone Rubber Series
液体胶系列

高透明、高强度液体胶

High transparent and strength liquid silicone rubber (LSR)

- 用途：适合于生产高品质要求的厨房用品、游泳用品、婴儿用品等。
- 特性：高强度、高透明度、食品级，通过ROHS、REACH、FDA、LFGB认证。
- 检测：AB比例为1:1，130℃×5min×15Mpa。
- Application: high quality requirements of kitchen supplies, swimming supplies, baby supplies, etc.
- Key features: high strength, high transparency, food grade, ROHS, REACH, FDA, LFGB certification.
- Test: AB ratio 1:1, 130°C × 5min × 15Mpa.



Typical Characteristics (典型数据)

型号 Product	GA-2616	GA-2620	GA-2625	GA-2630	GA-2640	GA-2650	GA-2655	GA-2660	GA-2670	GA-2680
外观 Appearance	Transparent (透明)									
粘度 Viscosity (Pa.S)	4000	5000	5000	5000	6000	7000	8000	8000	8000	10000
硬度 (邵氏) Hardness (ShoreA)	10	20	25	30	40	50	55	60	70	80
密度 Density(g/cm ³)	1.08	1.10	1.10	1.10	1.11	1.12	1.12	1.13	1.14	1.15
拉伸强度 Tensile strength(Mpa)	4.5	7.0	7.0	8.0	9.5	10.0	10.0	10.0	9.5	8.0
伸长率 Elongation(%)	300	330	350	300	200	150	150	150	150	150
撕裂强度 Tear strength(K N/m)	8	16	20	30	35	40	35	35	30	20
线性收缩率 Linear shrinkage(%)	2.3	2.1	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0

高强度液体胶

High strength liquid silicone rubber (LSR)

- 用途：适合于生产厨房用品、工业用密封圈、垫圈等条件。
- 特性：高强度、食品级，通过ROHS、REACH、FDA、LFGB认证。
- 检测：AB比例为1:1，130℃×5min×15Mpa。
- Application: Kitchen products, seals for industrial use, washers and other miscellaneous items.
- Key features: high strength, food grade, pass ROHS, REACH, FDA, LFGB.
- Test: AB ratio 1:1, 130°C × 5min × 15Mpa.



Typical Characteristics (典型数据)

型号 Product	GA-2820	GA-2830	GA-2840	GA-2850	GA-2860	GA-2870
外观 Appearance	Transparent (透明)					
粘度 Viscosity (Pa.S)	5000	5000	6000	6000	8000	8000
硬度 (邵氏) Hardness (ShoreA)	20	30	40	50	60	70
密度 Density(g/cm ³)	1.10	1.10	1.11	1.12	1.13	1.14
拉伸强度 Tensile strength(Mpa)	5.5	7.5	9.0	9.5	9.5	9.0
伸长率 Elongator(%)	350	330	300	200	150	150
撕裂强度 Tear strength(K N/m)	14	28	32	35	30	25
线性收缩率 Linear shrinkage(%)	2.1	2.1	2.1	2.0	2.0	2.0



普通气相液体胶

General purpose fumed liquid silicone rubber (LSR)

- 用途: 适合于生产带色用品、零件、护套等制品。
- 特性: 强度高、食品级, 通过ROHS、REACH、FDA、LFGB认证。
- 检测: AB比例为1:1, 130°C × 5min × 15Mpa。
- Application: colored products, miscellaneous pieces, jacket and other products.
- Key features: good strength, food grade, pass ROHS, REACH, FDA, LFGB.
- Test: AB ratio 1:1, 130°C × 5min × 15Mpa.

Typical Characteristics (典型数据)

型号 Product	GA-2320	GA-2330	GA-2340	GA-2350	GA-2360	GA-2370
外观 Appearance	Transparent (透明)					
粘度 Viscosity (Pa.S)	5000	5000	6000	5000	8000	8000
硬度 (邵氏) Hardness (ShoreA)	20	30	40	50	60	70
密度 Density(g/cm ³)	1.10	1.10	1.11	1.12	1.13	1.14
拉伸强度 Tensile strength(Mpa)	5.5	6.5	8.0	8.5	8.5	8.0
伸长率 Elongation(%)	800	700	550	450	350	250
撕裂强度 Tear strength(K N/m)	12	20	20	25	25	20
线性收缩率 Linear shrinkage(%)	2.1	2.1	2.1	2.0	2.0	2.0



普通沉淀液体胶

General purpose precipitated liquid silicone rubber (LSR)

- 用途: 适合于生产厨房用品、按键、工业用零件及成人用品等。
- 特性: 强度高、优异的流动性。
- 检测: AB比例为1:1, 130°C × 5min × 15Mpa。
- Application: kitchenware products, keypress, industrial parts and adult products.
- Key features: high strength, excellent flowability.
- Test: AB ratio 1:1, 130°C × 5min × 15Mpa.

Typical Characteristics (典型数据)

型号 Product	GA-2525	GA-2530	GA-2540	GA-2550	GA-2560	GA-2570
外观 Appearance	Transparent (透明) 半透明					
粘度 Viscosity (Pa.S)	800	800	800	2200	3000	4000
硬度 (邵氏) Hardness (ShoreA)	25	30	40	50	60	70
密度 Density(g/cm ³)	1.09	1.10	1.11	1.13	1.14	1.15
拉伸强度 Tensile strength(Mpa)	4.5	5.0	5.5	6.0	6.0	5.0
伸长率 Elongation(%)	400	350	300	250	220	180
撕裂强度 Tear strength(K N/m)	12	14	18	20	18	16
线性收缩率 Linear shrinkage(%)	2.0	2.0	2.0	2.0	2.0	2.0



电缆附件用液体硅橡胶

Liquid silicone rubber for cable accessories (LSR)

- 产品描述: 本产品为双组份铂金催化剂电压等级液体硅橡胶, 使用混合比例为1:1, A组份透明, B组份灰色。
- 主要应用: 耐中高压电缆附件; 户内外冷缩终端, 中间接头、护套。
- 产品特性: 注射成型, 高拉伸, 高伸长, 高抗撕, 定伸变形小, 快速硫化; 产品通过ROHS、REACH认证。
- 检测条件: 130°C*10分钟, 200°C*4H。
- Product description: this product has two-component platinum catalyst for withstanding voltage level liquid silicone rubber use mixed ratio as 1:1, A component transparent, B component grey.
- Application: intermediate voltage cable accessories, internal and external cold contraction terminal, transition joint, shaft.
- Key features: moulding, high tensile, high elongation, high tear strength, small extension set, fast curing; pass ROHS, REACH.
- Test: 130°C 10min, 200°C 4H.

Typical Characteristics (典型数据)

型号 Product	GA-2040	GA-2040D	GA-2040-3.5	GA-2040-4.5
外观 Appearance	Transparent(透明) A:transparent B:grey/灰色			
粘度 Viscosity (Pa.S)	2000/3000	200/200	800/300	800/800
硬度 (邵氏) Hardness (ShoreA)	40	43	40	40
密度 Density(g/cm ³)	1.15	1.15	1.14	1.14
拉伸强度 Tensile strength(Mpa)	9	9.0	9	9
伸长率 Elongation(%)	800	500	780	700
撕裂强度 Tear strength(K N/m)	30	25	30	30
定伸永久变形率 (at 200°C/4H)	5	5	5	5
介电常数 Dielectric constant at 100Hz	3.03	-	3.03	3.03
损耗因子 Dissipation factor at 100Hz	0.0029	-	0.0029	0.0029
耐电起痕性能 Tracking resistance	---	-	1A3.5	1A4.5
击穿强度 Dielectric Strength (KV/mm)	24.5	-	24.3	24.3
体积电阻率 Volume Resistivity(Ohm.cm)	1.0*10 ¹⁶	1.0*10 ¹⁶	1.0*10 ¹⁶	1.0*10 ¹⁶



自粘性硅橡胶

Selective self-adhesive liquid silicone rubber (LSR)

- 用途: 适用于生产手机壳, 可粘接PC/PET/PBT、尼龙、玻璃复合材料等。
- 特性: 强度和粘接好, 可低温硫化, 硫化速度快。
- 检测: AB比例为1:1, 130°C × 5min × 15Mpa。
- Application: mobile phone shell, adhesive PC/PET/PBT, nylon, glass composites, etc.
- Key features: strength and bonding, low temperature vulcanization, fast curing.
- Test: AB ratio 1:1, 130°C × 5min × 15Mpa.

Typical Characteristics (典型数据)

型号 Product	GA-2009	GA-2009	GA-2079
外观 Appearance	Transparent (透明)		
粘度 Viscosity (Pa.S)	A:4000 B:5000	A:4000 B:5000	A:6000 B:5000
硬度 (邵氏) Hardness (ShoreA)	50	60	70
密度 Density(g/cm ³)	1.12	1.13	1.14
拉伸强度 Tensile strength(Mpa)	7.5	7.5	7.0
伸长率 Elongation(%)	600	450	380
撕裂强度 Tear strength(K N/m)	35	30	25
线性收缩率 Linear shrinkage(%)	2.1	2.1	2.1



低粘度液体胶

Liquid silicone rubber for low viscosity(LSR)

- 用途: 适用于生产成人用品、鞋垫、硅胶文胸、丝网标牌、打印机胶辊等。
- 特性: 流动性好, 易排泡。
- 检测: AB比例为1:1, 130°C × 5min × 15Mpa。
- Application: adult products, insole, silicone bra, silk screen sign, printer rubber roll etc.
- Key features: good fluidity, easy bubble.
- Test: AB ratio 1:1, 130°C × 5min × 15Mpa.

Typical Characteristics (典型数据)

牌号 Product	GA-2140	GA-2120	GA-2130	GA-2140	GA-2150
外观 Appearance	Transparent(透明)				
粘度 Viscosity (Pa.S)	10	10	15	15	20
硬度 (邵氏Hardness (ShoreA))	0-10	20	30	40	50
密度 Density(g/cm ³)	1.05	1.05	1.06	1.06	1.07
拉伸强度 Tensile strength(Mpa)	2.0	3.0	4.0	5.0	6.0
伸长率 Elongation(%)	800	350	300	400	300
撕裂强度 Tear strength(K N/m)	5	10	10	15	15
线性收缩率 Linear shrinkage(%)	2.0	2.0	2.0	2.0	2.0



玻璃级透明液体胶

Glass grade transparent liquid silicone rubber(LSR)

- 用途: 适用于生产LED封装, 眼镜鼻托、耳机套等。
- 特性: 透明度高, 强度高。
- 检测: AB比例为1:1, 130°C × 5min × 15Mpa。
- Application: it is suitable for producing LED package, eyeglass holder, earphone sleeve, etc.
- Key features: high transparency, high strength.
- Test: AB ratio 1:1, 130°C × 5min × 15Mpa.

Typical Characteristics (典型数据)

牌号 Product	GA-2230	GA-2240	GA-2250	GA-2260	GA-2270
外观 Appearance	Transparent(透明)				
粘度 Viscosity (Pa.S)	100	100	80	50	50
硬度 (邵氏Hardness (ShoreA))	30	40	50	60	70
密度 Density(g/cm ³)	1.04	1.04	1.04	1.04	1.04
拉伸强度 Tensile strength(Mpa)	4.0	4.5	6.0	7.0	8.0
伸长率 Elongation(%)	150	170	220	150	80
撕裂强度 Tear strength(K N/m)	12	14	20	18	10
线性收缩率 Linear shrinkage(%)	2.1	2.1	2.1	2.0	2.0



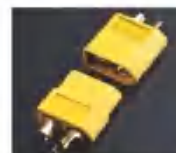
自润滑硅橡胶

Self-lubricating liquid silicone rubber (LSR)

- 用途: 适用于生产汽车配件、插件件等。
- 特性: 高强度, 良好的油性。
- 检测: AB比例为1:1, 130°C × 5min × 15Mpa。
- Application: auto parts, plug and pieces, etc.
- Key features: high strength, good oil bleeding.
- Test: AB ratio 1:1, 130°C × 5min × 15Mpa.

Typical Characteristics (典型数据)

牌号 Product	GA-2033	GA-2043
外观 Appearance	Transparent(半透明)	
粘度 Viscosity (Pa.S)	2000	3000
硬度 (邵氏Hardness (ShoreA))	30	40
密度 Density(g/cm ³)	1.10	1.12
拉伸强度 Tensile strength(Mpa)	6.5	8.5
伸长率 Elongation(%)	350	550
撕裂强度 Tear strength(K N/m)	18	20
线性收缩率 Linear shrinkage(%)	2.0	2.0



加成型模具硅橡胶

Molding Liquid Silicone rubber(Additional cure) (LSR)

- 用途: 适用于生产环氧树脂等热固性树脂工艺的倒模。
- 特性: 高强度, 硫化速度快, 尺寸稳定, 翻模次数高。
- 检测: AB比例为10:1或1:1, 130°C × 5min × 15Mpa。
- Application: applicable to the production of epoxy resin such as the thermosetting resin crafts mold.
- Key features: high strength, fast curing, dimensional stability, the number of turns is high.
- Test: AB 10:1或1:1, 130°C × 5min × 15Mpa.

Typical Characteristics (典型数据)

牌号 Product	GA-2340	GA-2341
外观 Appearance	Transparent(透明)	
配比 Mix proportion	A:B=10:1	A:B=1:1
粘度 Viscosity (Pa.S)	500-1000	750-1750
硬度 (邵氏 Hardness (ShoreA))	30	38
密度 Density(g/cm ³)	1.05	1.08
拉伸强度 Tensile strength(Mpa)	6.5	6.5
伸长率 Elongation(%)	400	400
撕裂强度 Tear strength(K N/m)	18	18
线性收缩率 Linear shrinkage(%)	2.0	2.0



