

Professional production of silicone materials

专业生产**有机硅**材料



广东彩汇美新材料技术有限公司

GuangDong Charmway Tech Co. Limited



Company profile 公司简介

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，专业从事有机硅材料的研发、生产、销售和服务业务，目前主要产品有硅胶色胶，色浆、硫化剂、底涂剂、光扩散剂、脱模剂、洗模水等各种有机硅材料，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 company Ltd. was established in April 2010. It is located in dongkeng Town, Dongguan City, Guangdong Province. The company is engaged in R & D, production, service and sales of silicone materials. Our products including following several kinds, solid color paste, liquid color paste, vulcanizing agent, primer, light diffusing agent, mold release agent, washing water and all kinds of silicone materials, We have modern production workshop, laboratory equipments and an experienced R&D team, At present, our company's customers have covered all over China and overseas markets, mainly exported to Japan, Germany, the United States, Malaysia, Thailand, Vietnam, India and other countries and regions.

Our company will continue to adhere to the "pioneering and innovation, cooperation and win-win" spirit of enterprise, "developing better products, providing better services, creating better brands" three better development strategies, and constantly develop and innovate. Enhance the comprehensive competitiveness of enterprises; we are willing to cooperate more extensively with new and old customers from all walks of life to keep pace with the times and win the future!

步步为赢

Puzzle Retreat

- 硅胶色母系列
Silica gel master series P3
- 硅胶色浆系列
Silica gel master series P4
- 硅胶色卡
Silica gel color card P5-6
- C-14无味硅胶硫化剂
Di-tert butyl peroxide P7
- C-8A快速硅胶硫化剂
2,5-dimethyl-2,5-di(tert butylperoxy)hexane P8
- C-20 高抗黄硅胶硫化剂
2,5-dimethyl-2,5-di(tert butylperoxy)hexane P9
- C-100/C-200/C-300铂金硅胶硫化剂
Karstedt Catalyst Solution P10
- 光扩散剂
Light diffuser P11
- GT-301硅胶外部脱模剂
Silica gel release agent P12
- KW-303洗模水
Mold cleaner P13
- CH-877/CH-866A硅胶内部脱模剂
Silica gel release agent (internal addition) P14
- CH-833硅胶抗静电剂
Silica gel antistatic agent P15
- AS-566硅胶处理剂
silica gel treatment agent P16
- RJ/GY-5000铂金水/铂金催化剂
Liquid Platinum Catalyst-Karstedt Catalyst Solution P17
- 展望未来
Looking ahead P18



硅胶色母系列

Solid color paste series



我公司的硅胶色胶是结合硅胶行业的生产特点，采用行业最先进的生产技术，选用行业内性能最优异品质最稳定的原材料同时实行严格的生产管控手段，生产出专门针对高低温固体硅胶的专用着色材料，有效解决了硅胶颜色不易分散，不耐高温，颜色不稳定等复杂的品质问题。

Our company according to the production features of silicone industry using the industry's most advanced production technology, choosing the best quality and most stable raw materials, using strict means of production and management to produce coloring material that aimed at high and low temperature solid silicone. The solid color paste of our company can solve complex quality problems effectively like difficult to instability.



卤素

硅胶色浆系列

Liquid silicone paste series

硅胶色浆是专门针对液态硅胶（LSR）及双组份室温加成硅胶（RTV）开发的着色剂，采用行业最先进的生产技术，选用行业内性能最优异品质最稳定的原材料同时实行严格的生产管控手段，本材料的特点是：易分散，耐高温性好，添加量低，颜色稳定易操作等特点。



Liquid silicone paste is a colorant specially developed for liquid silicone (LSR) and two-component room temperature addition silicone (RTV). We use the industry's most advanced product technology, choose the best quality and most stable raw materials, use strict means of production and management. The characteristics of liquid silicone paste are: easy to disperse, good temperature resistance, low added amount, stable color and easy operation.



卤素



硅胶色卡

Silica gel color card

颜色品名	材料型号	纯 色	浅 色	可通过的检测项目				
				ROHS	REACH	FDA	LFGB	卤素
青 红 色	BM-1100			○	○	○	○	
朱 红 色	BM-1101			○	○	○	○	
玫 瑰 红	BM-1105			○	○	○	○	
荧光桃红	BM-1201			○	○	○	○	
荧光红色	BM-1202			○	○	○	○	
荧光柑色	BM-1241			○	○	○	○	
荧光橙色	BM-1242			○	○	○	○	
中 黄 色	BM-1327			○	○	○	○	
中 黄 色	BM-1329			○	○	○	○	
棕 黄 色	BM-1331			○	○	○	○	
鲜 黄 色	BM-1332			○	○	○	○	
柠 檬 黄	BM-1334			○	○	○	○	
荧 光 黄	BM-1341			○	○	○	○	
绿 色	BM-1400			○	○	○	○	
荧 光 绿	BM-1408			○	○	○	○	



硅胶色卡

Silica gel color card

颜色品名	材料型号	纯 色	浅 色	可通过的检测项目				
				ROHS	REACH	FDA	LFGB	卤素
宝蓝色	BM-1508			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
群青蓝	BM-1520			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
群青蓝	BM-1521			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
荧光蓝	BM-1542			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
咖啡色	BM-1601			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
茶 色	BM-1602			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
赭 色	BM-1608			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
紫红色	BM-1701			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
荧光玫红	BM-1721			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
荧光紫兰	BM-1741			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
黑 色	BM-1801			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
白 色	BM-1924			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
橙红色	BM-2000			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
大红色	BM-2109			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



C-14无味硅胶硫化剂

C-14 tasteless vulcanizing agent



C-14是专为硅胶制品中无味性要求高的产品开发的一款专用硫化剂，硫化后产品无气味，适用于硅胶餐具，婴儿用品，硅胶杂件等无味性要求比较高的产品。

- 1, 添加量：1.5% ~ 2.0% ;
- 2, 挥发率：30% (105°C×3Hr) ;
- 3, 闪点：38°C，该款硫化剂在混炼过程中有可能会自燃；
- 4, 材料外观：无色半透明膏状；
- 5, 比重：1 : 1.13 (25°C)
- 6, 包装：20Kg/桶
- 7, 储存时间：6个月

C-14 is a special vulcanizing agent specially developed for products with high odorless requirements in silicone products. The vulcanized products are odorless and suitable for products with high odorless requirements such as silicone tableware, baby products and silicone sundries.

1. Addition: 1.5%-2.0%;
2. Volatilization rate: 30% (105~3Hr);
3. Flash point: 38 C. this vulcanizing agent might be spontaneously ignite during the mixing process ;
4. material appearance: Colorless translucent paste
- 5, proportion: 1:1.13 (25 C)
6. Packaging: 20Kg/bucket
7. Storage time: 6 months



C-8A 快速硅胶硫化剂

C-8A silicone rapid vulcanizing agent



C-8A是我司采用进口材料制作，性能最为稳定，经济实用的一款材料，适用于硅胶杂件，按键，密封件，电子配件等所有硅胶制品；

- 1，添加量：1.2%~1.5%，硫化速度快；
- 2，挥发率：14.8%（45°C×3Hr），添加过该型号硫化剂的硅胶，室温放置半个月仍可以使用，硫化速度基本不会减慢，无需返炼，从而减少了返炼的人工，机器，胶纸，硫化剂的成本；
- 3，闪点：80°C，该款硫化剂在混炼过程中不会自燃；
- 4，由于硫化剂添加量少，在生产过程中产品变脆破裂的现象会减少；
- 5，如需要过食品级（FDA,LFGB）检测，需要二次加硫（6H/180°C）
- 6，材料外观：无色半透明膏状；
- 7，比重：1:1.16（25°C）
- 8，包装：20Kg/桶
- 9，储存时间：8个月

C-8A is made of imported materials, which takes the advantage of economy, practicality, and stable capability, and applies to all silicone products like silicone rubber parts, button, sealing element and electronic accessories.

1. Addition: 1.2%-1.5%, rapid vulcanization;
2. Volatilization rate: 14.8% (45 ~3Hr). The silicone rubber that added this type of vulcanizing agent can be used even kept at room temperature for half a month. It doesn't affect the speed of vulcanization and doesn't need to refining, thus reducing the refining cost of artificial, machinery, adhesive paper, vulcanizing agent ;
3. Flash point: 80 C, this vulcanizing agent will not spontaneously ignite during the mixing process ;
4. Due to the small amount of vulcanizing agent added , the phenomenon of brittle fracture of the product during production will be reduced;
5. It has to add sulfur (6H/180 C) twice if food grade (FDA,LFGB) testing is required;
6. Material appearance: colorless translucent paste;
- 7, proportion: 1:1.16 (25 C);
8. Packaging: 20Kg/bucket 9. Storage time: 8 months.





C-20 高抗黄硅胶硫化剂

C-20 Silicone hyperactive yellow Vulcanizing agent

C-20为硅胶专用高抗黄硫化剂，该型号硫化剂选用阿克苏及东芝进口材料制作，在硫化过程中对产品有很好的抑制黄变作用，适用于硅胶护套，硅胶奶嘴，硅胶按键等需多次二段硫化剂的产品。

- 1, 添加量：1.5%~2.0%；
- 2, 挥发率：14.8% (105°C×3Hr)，添加过该型号硫化剂的硅胶，室温放置半个月仍可以使用，硫化速度基本不会减慢，无需返炼，从而减少了返炼的人工，机器，胶纸，硫化剂的成本；
- 3, 闪点：58°C，该款硫化剂在混炼过程中不会自燃；
- 4, 如需要过食品级 (FDA,LFGB) 检测，需要二次加硫 (3H/180°C)
- 5, 材料外观：无色半透明膏状；
- 6, 比重：1 : 1.16 (25°C)
- 7, 包装：20Kg/桶
- 8, 储存时间：6个月



C-20 is a dedicated silicone hyperactive yellow Vulcanizing agent, which is made of imported materials from TOSHIBA and AKS. The product has a good inhibition of yellowing during the vulcanization process and applies to products with multiple secondary sulfides like silicone sheath, silicone nipple and silicone button.

1. Addition: 1.5%-2.0%;
2. 14.8% (105°C×3Hr) the silicone rubber that added this type of vulcanizing agent can be used even kept at room temperature for half a month . It doesn't affect the speed of vulcanization and doesn't need to refining, thus reducing the refining cost of artificial, machinery, adhesive paper, vulcanizing agent
3. Flash point: 58 C, this vulcanizing agent will not spontaneously ignite during the mixing process.
4. It has to add sulfur (6H/180°C) twice if food grade (FDA,LFGB) testing is required.
5. Material appearance: colorless translucent paste;
- 6, proportion: 1:1.16 (25 C)
7. Packaging: 20Kg/bucket
8. Storage time: 6 months





C-100/C-200/C-300铂金硅胶硫化剂

C-100/C-200/C-300 Platinum vulcanizing agent

铂金

食品级

医疗级



C-100/C-200/C-300是一种双组份加成型硅胶硫化剂，A/B两者并用才能达到硅胶成型目的，铂金硫化剂具有以下特点：硫化温度低，硫化速度快，硫化成型后，制品分子交联充分，硫化后制品无味，通过欧盟和美国食品级认证。

C-100/C-200/C-300 is a two-component compression molding silicone vulcanizing agent. A/B can be used together to achieve the purpose of silicone molding.

Platinum vulcanizing agent has the following characteristics:

low vulcanization temperature, fast vulcanization speed, and product molecular after vulcanization molding. Product molecular cross-linking, the vulcanized products are tasteless and pass the EU and US food grade certification.





光扩散剂

Light diffusing agent

CH-811是一种改性圆球形有机硅散光材料，其高折射粒子具有立体网状结构，赋予硅胶优异的光学性能，以及有效的遮蔽灯珠并保持较高的透光率，适用于硅胶灯带，灯罩，按键，LED灯珠封装等场合。

CH-811 is a modified spherical organosilicon astigmatism material. Its highly refractive particles have a three-dimensional network structure, which gives silicone excellent optical properties, as well as effective shielding and high transmittance. It is suitable for silicone lamp tape, lampshade, button, LED lamp bead packaging and other occasions.



参数：

外观：白色块状物

形状：球形

平均粒径：3~6μm

粒径跨度：< 2

含水率：< 1%

parameter:

Appearance: white block

Shape: spherical

Average particle size: 3~6μm

Particle size span: <2

Moisture content: <1%

彩色光扩散剂

Color light diffusing agent



特性：

- 1、微球形颗粒，耐溶剂性良好；
- 2、优异的透光性和光扩散效果；
- 3、耐高温可达300°C，无分解，不变色；
- 4、与硅胶相容性好，易分散；
- 5、密度：1.09；
- 6、折射率（n_{Dat25°C}）：1.56

characte:

- 1、Micro spherical particles with good solvent resistance;
- 2、Excellent light transmission and light diffusion effect;
- 3、Temperature resistance up to 300 ° C, no decomposition, no discoloration;
- 4、Good compatibility with silicone and easy to disperse;
- 5、Density: 1.09;
- 6、Refractive index (n_{Dat25°C}): 1.56

硅胶遮光料

Silicone light Shading Material



GT-301硅胶外部脱模剂

Silicone external mold release agent



GT-301外部脱模剂为硅胶专用外部脱模剂。品牌制造商日本长濑川公司，本品使用方便，脱模效果好且经济适用（1公斤液可兑15~30倍的水）。适用于硅胶材料的所有类型产品。

GT-301 external mold release agent is a special external mold release agent for silicone. The brand manufacturer is Nagase kawasaki co

of Japan. This product is easy to use, has good release effect and is economical (1 k g of liquid can be mixed with 15 to 30 times water) and suited of all types of silicone materials.

外观：微黄色透明液体

比重：1 : 1.05

溶剂：水

最适合的稀释倍数：1 : 15 ~ 1 : 30

保质期：12个月

包装：20Kg/桶

Appearance: yellowish transparent liquid

proportion: 1:1.05

Solvent: water

The most suitable dilution ratio is 1:15-1:30.

Shelf life: 12 months

Packaging: 20Kg/ bucket





KW-303洗模水

Mode washing water

KW-303洗模水系日本长濑川公司研发生产，针对硅橡胶模具脏污而研发的高温清洁剂，去污效果好，经济实用！

KW-303 Mode washing water is developed and produced by Japan Nagase kawasaki co. It is a high-temperature cleaner developed for the contamination of silicone rubber molds. It has good decontamination effect and is economical and practical.

一、特长：

1. 可以有效的清除橡胶加硫成型后附着于模具表面的碳垢。
2. 对于各类塑胶及树脂的残留可以有效的清除。
3. 针对油脂、蜡、锈等……残留过多的离型剂可以有效的去除。
4. 各类型模具皆可以使用。（铝模，铜模除外）

I. Specialties:

1. It can effectively remove the carbon scale attached to the surface of the mold after the rubber is vulcanized.
2. Residues of various types of plastics and resins can be effectively removed.
3. For grease, wax, rust, etc. Excessive release agent can be effectively removed.
4. All types of molds can be used.
(Aluminum mold, except copper mold)



二、性质/property：

商品编号/Product code	KW-303
外观/Appearance	淡黄色半透明液体/Light yellow translucent liquid
主成份/Main ingredient	25% (氢氧化钾) /25% (potassium hydroxide)
比重 (25°C) / proportion (25°C)	1.3
PH	13
稀释溶剂/Dilution solvent	水/Diluting Solvent Water

三、适用范围：

适用于SILICONE、EPDM、NR、CR、IR、IIR，SBR等合成橡胶因硫化后产生之碳垢去除。

3.Scope of application:

Suitable for SILICONE, EPDM, NR, CR, IR, synthetic rubber such as IIR, SBR and the like are removed by carbon scale generated after vulcanization.

四、包装单位：圆形胶桶20kg

4.Packaging Unit: Round Rubber Barrel 20kg



CH-877/CH-866A 硅胶内部脱模剂

Silicone internal mold release agent

CH-877/CH-866A 硅胶内部脱模剂是在硅胶内部添加使用的（在炼胶时加入），适合较难脱模的硅胶成型制品，使用方便，效果良好。

CH-877/CH-866A The silicone internal mold release agent is added to the inside of the silicone (added during the rubber mixing), and is suitable for the silicone molded product which is difficult to release. It is convenient to use and has good effect.



外观：白色膏状/半透明膏状

比重：1：1.11

溶剂：甲苯，天那水

保质期：6个月

Appearance: White paste /Translucent paste

proportion: 1: 1.11

Solvent: Toluene, Tianna water

Shelf life: 6 months

packaging: 20Kg



CH-833硅胶抗静电剂

Silicone antistatic agent



CH-833硅胶抗静电剂是在硅胶内部添加用的（在炼胶时加入），适合对硅胶表面静电抑制要求的硅胶成型制品，使用方便，效果良好。

CH-833 silicone antistatic agent is added in the silicone interior (added in the process of mixing). It is suitable for the silicone forming products which are required for the suppression of static electricity on the surface of silicone. It is easy to use and has good effect.

外观：白色膏状

比重：1：1.09

溶剂：甲苯，天那水

保质期：6个月

Appearance: white paste

Specific gravity: 1:1.09

Solvent: toluene, Tina water

Shelf life: 6 months





AS-566硅胶处理剂

Silicone treatment agent



AS-566硅胶处理剂是我公司自主研发生产的硅胶表面与双面胶粘合的专用处理剂，硅胶制品的硬度范围为：40~70A，低于40A的需选用其他型号处理剂，本产品使用方便，粘接效果好且经济适用。

AS-566 silicone treatment agent is a special treatment agent for silicone surface and double-sided adhesive bonding independently developed by our company. The hardness range of silicone products is 40~70A. For other than 40A, other types of treatment agents should be used. AS-566 is Easy to use, with good bonding and economical.

外观：无色透明液体

Appearance: Colorless transparent liquid

比重：1：0.78

Proportion：1:0.78

最适合的涂布工艺：刷布，喷涂；

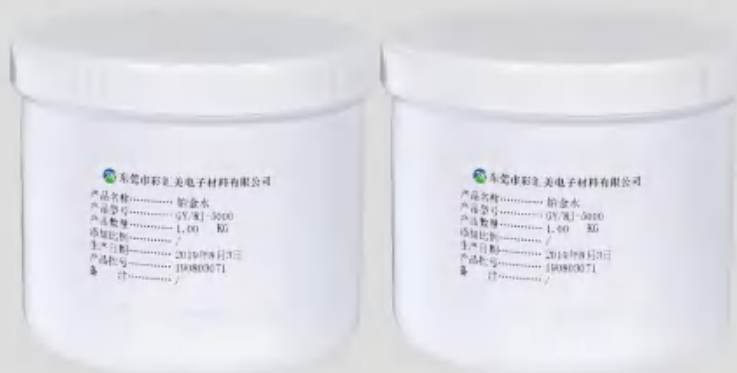
The most suitable coating process: soaking, brushing, spraying etc.





RJ/GY-5000铂金水/铂金催化剂

Liquid Platinum Catalyst-Karstedt Catalyst Solution



GY-5000为硅油型铂金催化剂，适用于高温加成硅胶（HTV）、双组份室温加成硅胶（RTV）、液体加成硅胶（LSR）、硅凝胶等材料的专用催化剂，铂金催化效率高，有效抑制Si-Vi和Si-H反应过程中伴随发生的副反应，避免了黑色物质生成，克服了其它催化剂使用产品中出现发黄或变黑现象。

RJ-5000是溶剂型铂金催化剂，适用于硅胶油墨，加成型硅胶底涂粘接剂等。

GY-5000 is a silicone oil type platinum catalyst. It is suitable for high temperature addition of silicone (HTV), two-component room temperature addition silicone (RTV), liquid addition silicone (LSR), silicone and other materials. It has high catalytic efficiency, effectively inhibits the side reactions associated with the reaction of Si-Vi and Si-H, and avoids black matter. It overcomes yellowing or blackening in other catalyst products.

RJ-5000 is a solvent-based platinum catalyst. It is suitable for silicone inks, additive-moulded silicone base coating adhesives, etc.



| 展望未来 |

Looking to the future

一路走来，彩汇美人披荆斩棘，伴随着不断的困难和挑战，从不气馁与却步，我们深信历史赋予了彩汇美人全新的使命和价值，我们将用对理想的坚定去面对来自企业内部经营能力的提升和外部市场竞争的双重挑战，抵制外界不断出现的各种利益诱惑，集中自己的精力和资源，在有机硅材料这片广阔的市场中树立起一座丰碑，打造属于中国的世界级品牌。

Along the way, charmway family with constant difficulties and challenges, never discouraged and deterred, we are convinced that history has given the new mission and value of Caihui mei family, we will use the firmness of the ideal to face from within the enterprise The dual challenges of improving business capability and competition in the external market, resisting the temptations of various interests that are constantly emerging, concentrating on their own energy and resources, and building a monument in the vast market of organic silicon materials to create a world-class China Brand.





彩汇美微信公众号

广东彩汇美新材料技术有限公司

工厂地址：广东省东莞市东坑镇迎宾路5号
电话 (86)769 81701780 传真 (86)769 81701551
<https://zwflying.1688.com>
网址：www.charmwaytech.com