



东莞市时代硅业有限公司

Dongguan Times Silicon Industry Co., LTD.

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专注于有机硅新材料的生产与研发
时代硅业，铸梦硅材，走向世界！

Focusing on the production and research and development of organic silicon new materials

Era Silicon Industry, Casting Dreams Silicon Materials, Going Global!

公司简介

东莞市时代硅业有限公司于2021年12月27日成立，2022年7月1日正式开业，东莞市时代硅业有限公司是一家致力于研发、生产、销售：硅油、基胶、液体硅橡胶、硅树脂、铂金催化剂等有机硅新材料的制造企业。

我公司拥有一批行业优秀的生产技术人员，长期专注于液体硅橡胶产品的研发与改进工作。围绕客户需求，我们不断在研发、品质、生产等核心部门投入精力，配备一系列先进的硅橡胶生产检测及研发设备，采用优质稳定的原材料，坚持科学严谨的生产质量控制及产品检验制度，保证我们的产品优质稳定。本公司已通过ISO9001国际质量管理体系认证，产品通过ROHS, REACH, FDA, LFGB、卤素等多项权威检测认证。

公司秉承研发领先的理念，把握国际国内有机硅行业发展的新潮流，研发出多种液体硅胶新材料。产品被广泛应用于:新能源、家电、设备装备、成人用品、人体娃娃、医疗保健用品、电力及电子产品、汽车配件、有机硅油墨等行业和领域。

“研发至上，优良品质”是我们始终坚持的经营理念，我们的目标是通过研发领先和科学严格的生产管理，致力成为广大用户的“有机硅方案解决专家”。

公司愿景：以企业价值最大化为目标，致力于研发创新为核心，成为有机硅新材料行业顶尖企业！

公司使命：为客户提供有机硅材料解决方案，持续为客户创造最大价值，与客户合作共赢！

公司战略：深耕有机硅新材料技术，为客户提供优质产品服务，领先、创新、合作、共赢，成为市场热销的有机硅新材料品牌企业！

公司精神：创新、发展、合作、团结、共赢。

主要产品系列：成人用品液体硅胶(包胶、倒模)、铂金催化剂、纤维套管硅树脂、移印头液体硅胶、乙烯基硅油、液体硅胶基胶(气相沉淀)、液体发泡专用基胶、硅胶胶水、加成型模具胶、内胶外纤或编织硅胶电线硅树脂、含氢硅油、抑制剂、硅胶处理剂、人体娃娃液体硅胶等。

Company Profile

Dongguan Times Silicon Industry Co., Ltd. was established on December 27, 2021 and officially opened on July 1, 2022. Dongguan Times Silicon Industry Co., Ltd. is a manufacturing enterprise dedicated to the research and development, production, and sales of new organic silicon materials such as silicone oil, base rubber, liquid silicone rubber, silicone resin, platinum catalyst, etc.

Our company has a group of excellent production technicians in the industry, who have been focusing on the research and improvement of liquid silicone rubber products for a long time. Based on customer needs, we continuously invest energy in core departments such as research and development, quality, and production, equipped with a series of advanced silicone rubber production testing and research and development equipment, using high-quality and stable raw materials, adhering to scientific and rigorous production quality control and product inspection systems, to ensure the high quality and stability of our products. Our company has passed ISO9001 international quality management system certification, and our products have passed multiple authoritative testing certifications such as ROHS, REACH, FDA, LFGB, halogen, etc.

The company adheres to the concept of leading research and development, grasps the new trend of the development of the international and domestic silicone industry, and has developed various liquid silicone new materials. The product is widely used in industries and fields such as new energy, home appliances, equipment, adult products, dolls, healthcare products, power and electronic products, automotive parts, silicone ink, etc.

R&D first, excellent quality "is our business philosophy that we always adhere to. Our goal is to become the" silicone solution expert "for our customers through leading R&D and scientific and strict production management.

Company Vision: With the goal of maximizing enterprise value, committed to research and development innovation as the core, and becoming a top enterprise in the organic silicon new materials industry!

Company mission: To provide customers with organic silicon material solutions, continuously create maximum value for customers, and cooperate with customers for win-win results!

Company strategy: Deeply cultivate the technology of organic silicon new materials, provide customers with high-quality product services, lead, innovate, cooperate, and win, and become a hot selling organic silicon new material brand enterprise in the market!

Company spirit: innovation, development, cooperation, unity, and win-win.

Main product series: adult liquid silicone (encapsulated, inverted), platinum catalyst, fiber sleeve silicone resin, transfer head liquid silicone, vinyl silicone oil, liquid silicone base adhesive (gas-phase precipitation), liquid foam special base adhesive, silicone adhesive, additive mold adhesive, inner rubber outer fiber or braided silicone wire silicone resin, hydrogen containing silicone oil, inhibitor, silicone treatment agent, human doll liquid silicone, etc.



成人用品液体硅胶（包胶Packing Glue）

Liquid silicone for ad

成人用品液体硅胶是一种加成型液体硅胶，环保级硅胶，无毒无气味，无腐蚀，不伤肌肤等，由铂金催化剂组成，获得FDA食品级硅胶认证，因此，是一款完全安全的人体硅胶。根据应用领域，此款硅胶又称为情趣用品硅胶、性爱硅胶等，是性用品的安全材料。

Adult liquid silicone is an additive liquid silicone that is environmentally friendly, non-toxic, odorless, non corrosive, and does not harm the skin. It is composed of platinum catalysts and has obtained FDA food grade silicone certification. Therefore, it is a completely safe human silicone. According to the application field, this silicone, also known as sex products silicone, sex silicone, etc., is a safe material for sex products.

特性表Characteristic table

型号Grade	TS6807A/B	TS6825A/B	TS6830A/B	TS6835A/B	TS6838A/B
项目Project					
工艺Technology	包胶 Packing Glue	包胶 Packing Glue	包胶 Packing Glue	包胶 Packing Glue	包胶 Packing Glue
外观Appearance	透明 Transparent	透明 Transparent	透明 Transparent	透明 Transparent	透明 Transparent
粘度 (mPa.S) Viscosity	10000-14000	4000-6000	5000-7000	20000-25000	18000-25000
硬度 (邵氏A ShoreA) Hardness	7 ± 1	25 ± 1	30 ± 1	35 ± 1	38 ± 1
拉伸强度 (Mpa) Tensile strength	> 4.0	> 5.0	> 4.0	> 3.0	> 4.0
断裂伸长率 (%) Elongation at break	> 800	> 400	> 350	> 250	> 250
撕裂强度 (KN/m) Tear strength	> 15	> 10	> 8	> 10	> 7.0



应用领域 Application area

- ★成人用品器官
Adult organs
- ★硅胶阳具
Silicone penis
- ★硅胶下体
Silicone lower body
- ★硅胶乳房
Silicone breast
- ★硅胶仿真人
Silicone Imitation Human
- ★人体模特外形
Human model appearance
- ★柔性硅橡胶制品
Flexible silicone rubber products
- ★硅胶假肢
Silicone prosthetic limb
- ★硅胶面具
Silicone mask
- ★硅胶娃娃
Silicone doll

产品特点Product Features

- ★流动性好
Good liquidity
- ★易脱泡
Easy to defoaming
- ★易脱模
Easy demolding
- ★收缩率稳定
Stable shrinkage rate
- ★透明度高
High transparency
- ★AB配比1:1
AB ratio 1:1
- ★翻模次数高
High frequency of mold flipping
- ★符合ROHS
Compliant with ROHS
- ★REACH-SVHC
REACH-SVHC
- ★FDA标准
FDA standards

成人用品液体硅胶(倒模Pouring Molding)

Liquid silicone for ad

成人用品液体硅胶是一种加成型液体硅胶，环保级硅胶，无毒无气味，无腐蚀，不伤肌肤等，由铂金催化剂组成，获得FDA食品级硅胶认证，因此，是一款完全安全的人体硅胶。根据应用领域，此款硅胶又称为情趣用品硅胶、性爱硅胶等，是性用品的安全材料。

Adult liquid silicone is an additive liquid silicone that is environmentally friendly, non-toxic, odorless, non corrosive, and does not harm the skin. It is composed of platinum catalysts and has obtained FDA food grade silicone certification. Therefore, it is a completely safe human silicone. According to the application field, this silicone, also known as sex products silicone, sex silicone, etc., is a safe material for sex products.

特性表Characteristic table

型号Grade	TS5614A/B	TS5409A/B	TS5420A/B	TS5074A/B
项目Project				
工艺Technology	倒模 Pouring Molding	倒模 Pouring Molding	倒模 Pouring Molding	倒模 Pouring Molding
外观Appearance	透明 Transparent	透明 Transparent	透明 Transparent	透明 Transparent
粘度 (mPa.S) Viscosity	2200-2600	2000-2800	2000-2500	3000-4000
硬度 (邵氏A ShoreA) Hardness	0 (邵氏A ShoreA)	14 ± 1 (邵氏C ShoreC)	9 ± 1	20 ± 1
拉伸强度 (Mpa) Tensile strength	> 1.2	> 2.0	> 3.5	> 0.4
断裂伸长率 (%) Elongation at break	> 450	> 300	> 400	> 700
撕裂强度 (KN/m) Tear strength	> 3.0	> 3.0	> 10	> 2.0



应用领域 Application area

- ★成人用品器官
Adult organs
- ★硅胶阳具
Silicone penis
- ★硅胶下体
Silicone lower body
- ★硅胶乳房
Silicone breast
- ★硅胶仿真人
Silicone Imitation Human
- ★硅胶假肢
Silicone prosthetic limb
- ★硅胶面具
Silicone mask
- ★硅胶娃娃
Silicone doll
- ★人体模特外形
Human model appearance
- ★柔性硅橡胶制品
Flexible silicone rubber products

产品特点Product Features

- ★流动性好
Good liquidity
- ★易脱泡
Easy to defoaming
- ★易脱模
Easy demolding
- ★收缩率稳定
Stable shrinkage rate
- ★透明度高
High transparency
- ★AB配比1:1
AB ratio 1:1
- ★翻模次数高
High frequency of mold flipping
- ★符合ROHS
Compliant with ROHS
- ★REACH-SVHC
REACH-SVHC
- ★FDA标准
FDA standards

铂金催化剂

Platinum catalyst

铂催化剂是一种以铂金属为主要原料的一种含铂催化剂，又别名铂金硫化剂或铂金水，是一种液体状的工业用料。铂催化剂的外观颜色为透明的液体，类似于胶水状的含铂液体材料，其含铂量根据行业的不同而不同。铂催化剂耐黄变性能好，具有高活性，抗毒性能优异。具有极高的稳定性，多用于液体胶或是混炼胶硫化剂。

Platinum catalyst is a type of platinum containing catalyst mainly made of platinum metal, also known as platinum sulfide or platinum water, which is a liquid industrial material. The appearance color of platinum catalyst is a transparent liquid, similar to a colloidal platinum containing liquid material, and its platinum content varies depending on the industry. Platinum catalysts have good yellowing resistance, high activity, and excellent detoxification performance. It has extremely high stability and is often used as a vulcanizing agent for liquid rubber or mixed rubber.

特性表Characteristic table

型号Grade 项目Project	TPL-1000	TPL-2000	TPL-3000	TPL-4000	TPL-5000	PTR-3000	PTR-5000
性能类别 Performance category	常规 routine	常规 routine	常规 routine	常规 routine	常规 routine	抗中毒 anti-poisoning	抗中毒 anti-poisoning
外观 Appearance	透明 Transparent	透明 Transparent	透明 Transparent	透明 Transparent	透明 Transparent	透明 Transparent	透明 Transparent
粘度 Viscosity	380-580	360-560	340-540	330-530	320-520	600-800	700-1000
挥发份Volatile matter (%) (150℃*3Hr)	≤3	≤3	≤3	≤3.5	≤4	≤7	≤10
铂含量Platinum content (PPM)	1000	2000	3000	4000	5000	3000	5000



应用领域 Application area

- ★导热硅胶片
Thermal conductive silicone sheet
 - ★导热有机硅灌封胶
Thermal conductive silicone sealant
 - ★PET保护膜
PET protective film
 - ★阻燃硅橡胶
Flame retardant silicone rubber
 - ★有机硅油墨
Organic silicon ink
- ★硅胶助剂
Silicone additive
 - ★液体加成型硅橡胶
Liquid addition molded silicone rubber
 - ★硅凝胶
Silicon gel
 - ★加成型混炼胶
Addition molding compound

产品特点Product Features

- ★反应活性高
High reaction activity
 - ★气味小
Low odor
 - ★高催化效率
High catalytic efficiency
 - ★稳定性好
Good stability
 - ★抗毒性强
Strong anti toxicity
- ★符合ROHS
Compliant with ROHS
 - ★REACH-SVHC
REACH-SVHC
 - ★FDA标准
FDA standards

玻纤套管硅树脂

Glass fiber sleeve silicone resin

玻纤套管硅树脂是双组分混合使用的专用于玻璃纤维套管的涂料。固化后形成一层非常牢固的薄膜，不会有气泡和脱皮，韧性强。经硅树脂处理过的玻璃纤维布和玻璃纤维套管在反复弯折后仍然能保持原来的外观和优异的抗撕扯性能，不会出现散口现象。

Glass fiber sleeve silicone resin is a dual component mixed coating specifically designed for glass fiber sleeves. After solidification, a very strong film is formed without bubbles or peeling, with strong toughness. The glass fiber cloth and glass fiber sleeve treated with silicone resin can still maintain their original appearance and excellent tear resistance after repeated bending, and there will be no tearing phenomenon.

特性表Characteristic table

型号Grade 项目Project	TS3034B 白色	TS3039B 乳白色	TS3045-01B 透明	TS3045B 透明	TS3049B 白色	TS6123A/B	TS6125A/B
性能类别 Performance category	100% 耐高电压 100% high voltage resistance	100% 耐高电压 100% high voltage resistance	100% 耐高电压 100% high voltage resistance	100% 耐高电压 100% high voltage resistance	100% 耐高电压 100% high voltage resistance	1: 1 无溶剂硅树脂 1: 1 solvent-free silicone resin	1: 1 无溶剂硅树脂 1: 1 solvent-free silicone resin
外观 Appearance	白色 White	乳白色 Milky white	透明 Transparent	透明 Transparent	白色 White	半透明 Translucent	半透明 Ttranslucent
树脂含量 resin content (%)	100	100	100	100	100	100	100
粘度Viscosity (mPa.S)	13000-19000	15000-25000	10000-13000	13000-17000	27000-33000	27000-33000	45000-55000
硬度Hardness (邵氏A ShoreA)	27-32	28-32	28-33	20-24	30-35	30-34	30-34
拉伸强度 Tensile strength (MPa)	> 2.0	> 3.0	> 1.5	> 1.5	> 3.0	> 3.0	> 4.0
断裂伸长率 Elongation at break (%)	> 250	> 250	> 150	> 200	> 300	> 200	> 300
撕裂强度 Ear strength (KN/m)	> 5.0	> 8.0	> 5.0	> 4.0	> 9.0	> 9.0	> 10.0
耐热性 heat resistance (℃)	200	200	200	200	200	200	200
耐寒性 cold resistance (℃)	硬化温度：-55 脆化温度：-73 Hardening temperature: -55 Embrittlement temperature: -73	硬化温度：-55 脆化温度：-73 Hardening temperature: -55 Embrittlement temperature: -73	硬化温度：-55 脆化温度：-73 Hardening temperature: -55 Embrittlement temperature: -73	硬化温度：-55 脆化温度：-73 Hardening temperature: -55 Embrittlement temperature: -73	硬化温度：-55 脆化温度：-73 Hardening temperature: -55 Embrittlement temperature: -73	硬化温度：-55 脆化温度：-73 Hardening temperature: -55 Embrittlement temperature: -73	硬化温度：-55 脆化温度：-73 Hardening temperature: -55 Embrittlement temperature: -73

应用领域 Application area

- ★玻璃纤维绝缘套管的涂覆
Coating of glass fiber insulation sleeve

产品特点Product Features

- ★固含量100%
 - ★颜色：透明、半透明、白色、乳白色
 - ★良好的流平性能
 - ★良好的耐电压性能
 - ★良好的自熄性和柔软性
 - ★优异的抗撕扯性能
 - ★较高的耐热性
 - ★符合ROHS、REACH-SVHC、FDA标准
- ★Solid content 100%
 - ★Color: transparent, semi transparent, white, milky white
 - ★Good leveling performance
 - ★Good voltage resistance performance
 - ★Good self extinguishing and softness
 - ★Excellent tear resistance
 - ★High heat resistance
 - ★Complies with ROHS, REACH-SVHC, FDA standards



移印头液体硅胶

移印头液体硅胶主要适用于生产硅胶移印头等，具有耐磨、耐高温、印刷效果好等优点，弹性好、柔韧性强、使用寿命长，即使对不规则表面的微细图案、亦可保证清晰的印刷效果。沾墨完全、易脱墨转印、残余油墨易清除。规格齐全，易可按用户具体要求特制。

Liquid silicone pad printing head is mainly suitable for producing silicone pad printing heads, etc. It has advantages such as wear resistance, high temperature resistance, good printing effect, good elasticity, strong flexibility, and long service life. Even for micro patterns on irregular surfaces, it can ensure clear printing effect. Completely stained with ink, easy to deink and transfer, and easy to remove residual ink. The specifications are complete and can be customized according to the specific requirements of users.

特性表Characteristic table

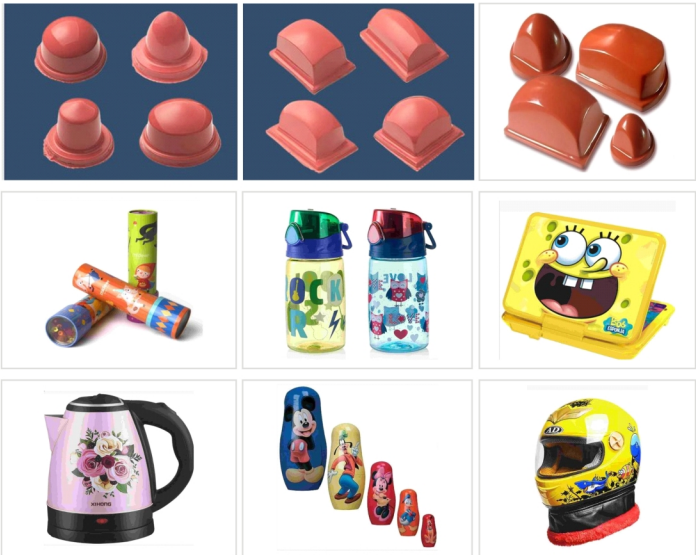
型号Grade	PDP-75122A/B	PDP-75130A/B
项目Project		
外观 Appearance	半透明 translucent	半透明 translucent
粘度 Viscosity (mPa.S)	13500 ± 2000	17500 ± 2000
硬度Hardness (邵氏A ShoreA)	22 ± 1	30 ± 1
拉伸强度 Tensile strength (MPa)	> 2.5	> 2.5
断裂伸长率 Elongation at break (%)	> 250	> 250
撕裂强度 Ear strength (KN/m)	> 5.0	> 5.0

应用领域 Application area

- ★硅胶移印头
Silicone transfer printing head
- ★塑胶玩具, 电镀产品, 电子玩具, 商标, 不规则图案的印刷
Printing of plastic toys, electroplated products, electronic toys, trademarks, and irregular patterns

产品特点Product Features

- | | |
|---|-----------------------------|
| ★耐磨
Wear resistance | ★AB配比10:1
AB ratio 10:1 |
| ★耐高温
High temperature resistance | ★弹性好
Good elasticity |
| ★印刷效果好
Good printing effect | ★柔韧性强
Strong flexibility |
| ★易上油，易脱油
Easy to apply oil, easy to remove oil | ★使用寿命长
Long service life |



乙烯基硅油

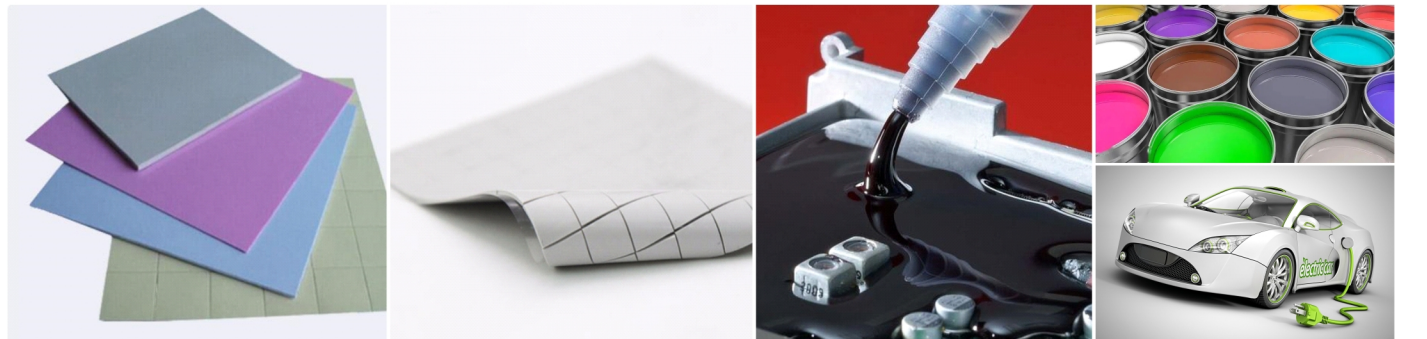
vinyl silicone oil

乙烯基硅油主要有端乙烯基聚二甲硅氧烷 (Vi-PDMS)和端乙烯基聚甲基乙烯基硅氧烷(Vi-PMVS), 可根据需要提供不同粘度和乙烯基含量的产品。乙烯基硅油可分为: 端乙烯基硅油和高乙烯基硅油, 是加成型液体硅橡胶、有机硅凝胶等的主要原料; 混炼胶的改性剂/塑料添加剂/补强材料等。

Vinyl silicone oil mainly includes vinyl terminated polydimethylsiloxane (Vi-PDMS) and vinyl terminated polymethylvinyl siloxane (Vi-PMVS), which can provide products with different viscosity and vinyl content as needed. Vinyl silicone oil can be divided into: vinyl terminated silicone oil and high vinyl silicone oil, which are the main raw materials of addition liquid silicone rubber, silicone gel, etc; Modifiers/plastic additives/reinforcing materials for rubber blends.

特性表Characteristic table

型号Grade 项目Project	TVF-L-50	TVF-100	TVF-500	TVF-M-1000	TVF-M-2000	TVF-1W	TVF-6.5W	TVF-H-10W	TVF-H-20W	TVF-H-35W
外观 Appearance	透明 transparent	透明 transparent	透明 transparent	透明 transparent	透明 transparent	透明 transparent	透明 transparent	透明 transparent	透明 transparent	透明 transparent
粘度Viscosity (mPa.S)	50	100	500	1000	2000	1W	6.5W	10W	20W	35W
挥发份 Volatile matter (%) (150°C*3Hr)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
乙烯基含量 Vinyl content (%)	1.497	1.044	0.427	0.310	0.241	0.130	0.077	0.051	0.044	0.037



应用领域 Application area

- | | |
|---|--|
| ★ 新能源
New energy | ★ 硅胶色浆
Silicone color paste |
| ★ 导热硅胶片
Thermal conductive silicone sheet | ★ 加成型密封胶
Add molding sealant |
| ★ 有机硅油墨
Organic silicon ink | ★ 消泡剂
Defoamer |
| ★ 导热有机硅灌封胶
Thermal conductive silicone sealant | ★ 注射热成型硅橡胶
Injection hot formed silicone rubber |
| ★ 液体硅胶
Liquid silicone | |

产品特点Product Features

- | | |
|----------------------------|---------------------|
| ★高透明 | ★疏水性好 |
| High transparency | Good hydrophobicity |
| ★气味小 | ★符合ROHS |
| Low odor | Compliant with ROHS |
| ★耐热性好 | REACH-SVHC |
| Good heat resistance | REACH-SVHC |
| ★电绝缘性好 | FDA标准 |
| Good electrical insulation | FDA standards |
| ★耐候性强 | |
| Strong weather resistance | |

液体硅胶基胶

Liquid silicone based glue

气相、沉淀液体硅胶基胶，高透明，进口气相白炭黑生产，适合于生产高强度产品、电线电缆部件以及医用级特殊要求的高抗斯产品。

Gas-phase and precipitated liquid silicone based adhesive, highly transparent, imported gas-phase white carbon black production, suitable for producing high-strength products, wire and cable components, and medical grade high resistance products with special requirements.

特性表Characteristic table

型号Grade	BAS-1630-01	BAS-1841	BAS-5705	BAS-5741	BAS-80937
项目Project					
工艺technology	气相Gas phase	气相Gas phase	沉淀precipitated	沉淀precipitated	沉淀precipitated
外观Appearance	高透明High transparency	半透明translucent	半透明translucent	半透明translucent	半透明translucent
粘度Viscosity (mPa.S)	1700W-2200W	100W-150W	8W-13W	25W-35W	70W-100W
硬度Hardness (邵氏A ShoreA)	14-17	36-41	61-65	45-50	45-50
拉伸强度Tensile strength (MPa)	> 4.5	> 6.0	> 3.5	> 6.0	> 5.0
断裂伸长率Elongation at break (%)	> 1000	> 500	> 80	> 250	> 250
撕裂强度Ear strength (KN/m)	> 20	> 16	> 5.0	> 13	> 15



应用领域 Application area

- ★用于生产液体硅胶，油墨和丝印行业
Used in the production of liquid silicone, ink, and screen printing industries

产品特点Product Features

- ★颜色：透明
Color: Transparent
- ★流动性好
Good liquidity
- ★回弹性好
Good rebound performance
- ★强度高
High strength
- ★补强性能佳
Excellent reinforcement performance
- ★电气性能优越
Excellent electrical performance
- ★符合ROHS
Compliant with ROHS
- ★符合ROHS、REACH-SVHC、FDA标准
REACH-SVHC
REACH-SVHC
FDA标准
FDA standards

液体发泡专用基胶

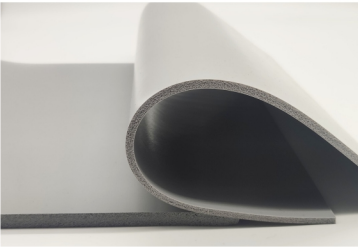
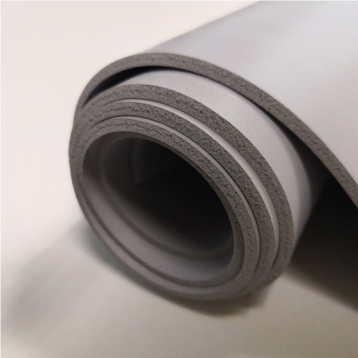
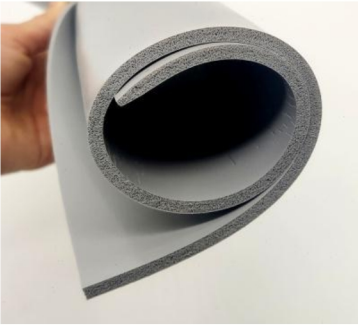
liquid foaming for a special purpose Base adhesive

液体发泡专用基胶，高透明，进口气相白炭黑生产，是用于生产液体发泡硅胶泡棉的基础原料。

Liquid foaming special base adhesive, high transparency, imported gas-phase white carbon black production, is the basic raw material used for producing liquid foaming silicone foam

特性表Characteristic table

型号Grade	BAS-1716	BAS-1812	BAS-80931
项目Project			
工艺Technology	沉淀Precipitated	气相Gsa phase	沉淀Precipitated
外观Appearance	半透明Translucent	半透明Translucent	半透明Translucent
粘度 (mPa.S) Viscosity	15W-20W	200W-350W	200W-300W
硬度 (邵氏A ShoreA) Hardness	35-40	17-20	46-51
拉伸强度 (Mpa) Tensile strength	>5.0	>6.0	>7.0
断裂伸长率 (%) Elongation at break	>300	>500	>350
撕裂强度 (KN/m) Tear strength	>15	>16	>17



应用领域 Application area

- ★新能源
New energy
- ★液体发泡硅胶泡棉
Liquid foam silicone foam
- ★电子行业
Electronics industry
- ★设备装备
Equipment and equipment
- ★硅胶发泡密封条
Silicone foam sealing strip
- ★硅胶发泡片材
Silicone foam sheet material
- ★抗震硅胶发泡板
Anti seismic silicone foam board
- ★液体发泡硅胶卷材
Liquid foam silicone coil

产品特点Product Features

- ★优越的耐压缩永久变形
Superior resistance to compression permanent deformation
- ★良好的流平性能
Good leveling performance
- ★良好的物理强度
Good physical strength
- ★阻燃性优越，达UL94V0的阻燃等级
Excellent flame retardancy, reaching UL94V0 flame retardant level
- ★符合ROHS、REACH-SVHC、FDA标准
Complies with ROHS, REACH-SVHC, FDA standards
- ★食品级
Food grade
- ★无毒无味，无腐蚀性，化学惰性
Non toxic, odorless, non corrosive, chemically inert
- ★泡沫孔径小均匀细腻
Foam is small, even and delicate
- ★强度高
High strength
- ★回弹性好
Good resilience
- ★流动性好
Good liquidity
- ★质轻，弹性、手感好
Lightweight, elastic, and tactile
- ★优良的耐高温性
Excellent high-temperature resistance
- ★松软有弹性
Soft and elastic

硅胶胶水

Silicone adhesive

产品描述 Description

硅胶胶水是主要用于硅胶与硅胶之间的粘接。

Silicone glue is mainly used for bonding between silicone and silicone.

应用领域 Application area

★主要用于硅胶与硅胶之间的粘合

Mainly used for bonding between silicone and silicone

产品特点Product Features

★良好的耐油性能

Good oil resistance

★耐酸耐碱性

Acid and alkali resistance

★粘接力好

Good adhesion

★操作方便

Easy to operate

★干胶快，不发白

Quick drying glue, no whitening

★强度高，耐高温

High strength and high temperature resistance

★防水性能强

Strong waterproof performance



加成型模具胶

Add mold glue

加成型模具胶是一种新型的制模材料，用模具硅胶制作的硅胶模具相比钢模在生产效率和制作成本上具有巨大的优势。如今，模具硅胶已广泛应用于玩具礼品行业，人物复制，建筑装饰装潢行业，不饱和树脂工艺品行业。

Addition molding adhesive is a new type of molding material, and silicone molds made from mold silicone have significant advantages in production efficiency and production cost compared to steel molds. Nowadays, mold silicone has been widely used in the toy and gift industry, character reproduction, building decoration and decoration industry, and unsaturated resin handicraft industry.

特性表Characteristic table

项目Project	型号Grade	MOL-72705	MOL-72710	MOL-72715
工艺Technology		沉淀precipitated	沉淀precipitated	沉淀precipitated
外观Appearance		半透明translucent	半透明translucent	半透明translucent
粘度 (mPa.S)Viscosity		800-1000	800-1000	800-1000
硬度 (邵氏A ShoreA)Hardness		4-6	9-11	14-16
拉伸强度 (MPa)Tensile strength		> 1.5	> 1.5	> 1.5
断裂伸长率 (%)Elongation at break		> 350	> 250	> 250
撕裂强度 (KN/m)Ear strength		> 3.0	> 3.0	> 3.0



应用领域 Application area

★加成型模具胶主要用于硅胶模具行业，精密模具，和精致复制品的生产

Addition molding adhesive is mainly used in the silicone mold industry, precision molds, and the production of exquisite replicas

产品特点Product Features

★高透明度

High transparency

★优良的耐高低温

Excellent resistance to high and low temperatures

(-50-250摄氏度)

(-50-250 degrees Celsius)

★流动性好

Good liquidity

★易操作、易排泡

Easy to operate and remove bubbles

★物理性能稳定

Stable physical performance

★容易深层固化

Easy to deeply solidify

★收缩率小

Small shrinkage rate

★符合ROHS、REACH-SVHC

Compliant with ROHS、REACH-SVHC

FDA标准

FDA standards

★可常温固化

Can be cured at room temperature

★AB配比1:1

AB ratio 1:1

内胶外纤或编织硅胶电线硅树脂

Glue inside and fiber outside or Braided silicone wire silicone resin

适用于内胶外纤套管或编织硅胶电线涂覆的硅树脂，本产品具有优良的高温耐低温性能，具有优良的电绝缘性能，优良的化学稳定性能，固含量100%，粘接性能卓越，耐高电压，耐老化，使用寿命长，用量少，只需常规硅树脂用量的1/3~1/2，即可明显超过传统硅树脂涂覆产品的粘接强度。

Silicone resin suitable for coating inner and outer fiber sleeves or woven silicone wires. This product has excellent high temperature and low temperature resistance, excellent electrical insulation performance, excellent chemical stability, solid content of 100%, excellent bonding performance, high voltage resistance, aging resistance, long service life, low adhesive usage, and can significantly exceed the bonding strength of traditional silicone resin coating products by only 1/3-1/2 of the conventional silicone resin dosage.



特性表Characteristic table

型号Grade	外观Appearance	树脂含量Resin content (%)	粘度Viscosity (mPa.S)	硬度Hardness (邵氏A ShoreA)	拉伸强度Tensile strength (MPa)	断裂伸长率Elongation at break (%)	撕裂强度Ear strength (KN/m)	耐热性Heat resistance (℃)	耐寒性cold resistance (℃)
TS3096B 透明	透明transparent	100	8W-13W	30-35	> 3.0	> 300	> 9.0	200	硬化温度：-55 脆化温度：-73 Hardening temperature: -55 Embrittlement temperature: -73
TS3099B 透明	透明transparent	100	40W-60W	35-40	> 3.5	> 250	> 7.0	200	硬化温度：-55 脆化温度：-73 Hardening temperature: -55 Embrittlement temperature: -73

含氢硅油

Hydrogen containing silicone oil

含氢硅油，在金属触媒作用下，可在适当温度下交联，在各种基材表面形成防水膜，适用于生产液体硅胶，导热硅胶片，导热灌封胶，硅橡胶的抗黄剂、胶连剂、脱模剂，可以合成改性硅油等。

Hydrogenated silicone oil, under the action of metal catalysts, can crosslink at appropriate temperatures to form waterproof films on various substrate surfaces. It is suitable for producing liquid silicone, thermal conductive silicone sheets, thermal conductive potting adhesives, anti yellowing agents, bonding agents, release agents for silicone rubber, and can synthesize modified silicone oil.



特性表Characteristic table

型号Grade	外观Appearance	粘度Viscosity (mPa.S)	挥发份Volatile matter (%) (150℃*3Hr)	含氢量hydrogen content (%)
HY-18B	透明无机机械杂质 Transparent without mechanical impurities	70-140	≤1.5	0.18 ± 0.5
HY-36B				0.36 ± 0.5
HY-50B				0.50 ± 0.5
HY-75B				0.75 ± 0.5

抑制剂

Inhibitor

抑制剂（又称为缓聚剂）是一种用来阻滞或降低化学反应速度的物质，作用与负催化剂相同。它不能停止聚合反应，只是减缓聚合反应。借以抑制或缓和化学反应的物质。本产品适用于生产液体硅胶，有机硅油墨，导热硅胶片，导热灌封胶及相关助剂。

Inhibitors (also known as retarders) are substances used to block or reduce the rate of chemical reactions, with the same effect as negative catalysts. It cannot stop the polymerization reaction, only slows it down. A substance used to inhibit or mitigate chemical reactions. This product is suitable for the production of liquid silicone, organic silicone ink, thermal conductive silicone sheets, thermal conductive potting adhesives, and related additives.



特性表Characteristic table

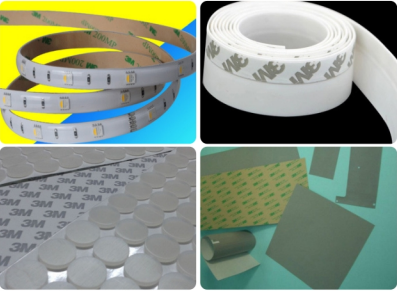
型号Grade 项目Project	IN-B	IN-125B	ILA-6B
产品特点 Product Features	★抑制效果非常好 ★所生产的制品无气味 ★气温较低时，凝固成固体状 ★用此助剂所生产的硅胶制品符合ROHS、REACH-SVHC、FDA标准 ★ The inhibitory effect is very good ★ The products produced are odorless ★ When the temperature is low, it solidifies into a solid state ★ Silicone products produced with this additive Compliant with ROHS, REACH-SVHC, FDA standards	★抑制效果中等 ★气温较低时，依然保持液体状态 ★用此助剂所生产的硅胶制品符合ROHS、REACH-SVHC、FDA标准 ★ Moderate inhibitory effect ★ When the temperature is low, it still maintains a liquid state ★ Silicone products produced with this additiveCompliant with ROHS, REACH-SVHCFDA standards	★抑制效果较低，价格低 ★气温较低时，依然保持液体状态 ★可溶于水，易溶于多种有机溶剂 ★用此助剂所生产的硅胶制品符合ROHS、REACH-SVHC、FDA标准 ★ Low inhibitory effect and low price ★ When the temperature is low, it still maintains a liquid state ★ Soluble in water and easily soluble in various organic solvents ★ Silicone products produced with this additiveCompliant with ROHS, REACH-SVHCFDA standards
外观 Appearance	白色晶体或透明液体 White crystals or transparent liquids	透明或淡黄色液体 Transparent or light yellow liquid	无色或微黄 Colorless or slightly yellow

硅胶处理剂

Silica gelTreatment agent

硅胶处理剂是针对高温硅橡胶产品贴双面胶用的专用处理剂（由于硅橡胶为非极性材质，使用通常胶水往往难以达到理想效果）。硅胶处理剂广泛用于硅橡胶脚垫、硅橡胶饰品等硅胶背胶双面胶，商标、标签等贴于硅橡胶上。适合硅胶处理剂的双面胶有多种，如：9080（3M）、9448（3M）、日东5000NS、T4000（SONY）T4720（SONY）、tese4940等。

Silicone treatment agent is a specialized treatment agent for double-sided adhesive application on high-temperature silicone rubber products (due to the non-polar nature of silicone rubber, it is often difficult to achieve the desired effect with glue). Silicone treatment agents are widely used for silicone rubber foot pads, silicone rubber accessories, and other silicone back adhesive double-sided adhesive. Trademarks, labels, and other materials are affixed to silicone rubber. There are various types of double-sided adhesive suitable for silicone treatment agents, such as 9080 (3M), 9448 (3M), Nissan 5000NS, T4000 (SONY), T4720 (SONY), tese4940, etc.



特性表Characteristic table

型号Grade 项目Project	PRI-20611	PRI-20612
产品特点 Product Features	★高效性 ★透明或淡黄色 ★气味小 ★操作方便，产品直接喷或涂在硅胶表面，自然晾干几分钟即可。 ★处理效果好，经处理的硅胶表面可以有有效的跟多种的粘接剂进行粘接。 ★ Efficiency ★ Transparent or light yellow ★ Low odor ★ Easy to operate, the product is directly sprayed or coated on the surface of silicone,Let it dry naturally for a few minutes. ★ The treatment effect is good, and the treated silicone surface can haveEffectively bond with various adhesives.	★低成本 ★透明或淡黄色 ★气味小 ★操作方便，产品直接喷或涂在硅胶表面，自然晾干几分钟即可。 ★处理效果好，经处理的硅胶表面可以有有效的跟多种的粘接剂进行粘接。 ★ Low cost ★ Transparent or light yellow ★ Low odor ★ Easy to operate, the product is directly sprayed or coated on the surface of silicone,Let it dry naturally for a few minutes. ★ The treatment effect is good, and the treated silicone surface can haveEffectively bond with various adhesives.
干燥时间(25℃)(min) Drying time	2	2

人体娃娃液体硅胶

Human body doll Liquid silica gel

人体娃娃液体硅胶为双组份加成型加温或室温硫化硅橡胶，本品为无色或皮肤色油状液体，硫化后成为柔软的弹性材料，可制作如人体娃娃、性用品、人体器官、人体外形、胸垫、肩垫、贴片、防滑垫等柔性硅橡胶制品。

The liquid silicone for human dolls is a two component addition molded, heated or room temperature vulcanized silicone rubber. This product is a colorless or skin colored oily liquid, which becomes a soft elastic material after vulcanization. It can be used to make flexible silicone rubber products such as human dolls, sex products, human organs, human body shape, chest pads, shoulder pads, patches, and anti slip pads.

型号Grade 项目Project	BOD-71204A/B	BOD-71109A/B
性能类别 Performance category	人体娃娃身体胶 Human Doll Body glue	人体娃娃头部胶 Human doll head adhesive
外观 (mPa.S) Appearance	透明 transparent	透明 transparent
粘度 (mPa.S) Viscosity	3000~6000	2000~5000
硬度(邵氏A ShoreA) Hardness	0(邵氏A ShoreA) 4 ± 1(邵氏C ShoreC)	9 ± 1
拉伸强度(Mpa) Tensile strength	> 1.5	> 2.5
断裂伸长率(%) Elongation at break	> 950	> 400
撕裂强度(KN/m) Tear strength	> 3.0	> 6.0



产品特点Product Features

温度范围在-65℃ – 200℃下可长期使用并保持其柔软弹性性能，环保无毒，通过SGS，ROSH环保无毒认证，具有优良的电性能和化学稳定性，耐水、耐臭氧、耐气候老化，无腐蚀性，具有生理惰性，无毒无味，线收缩率低，易操作等特点。

It can be used for a long time in the temperature range of -65 ℃ -200 ℃ and maintains its soft and elastic properties. It is environmentally friendly and non-toxic, and has passed SGS and ROSH environmental and non-toxic certification. It has excellent electrical and chemical stability, water resistance, ozone resistance, weather aging resistance, corrosion resistance, physiological inertness, non-toxic and odorless, low linear shrinkage rate, and easy operation.

型号Grade 项目Project	TS6950A/B
性能类别 Performance category	人体娃娃胸部硅凝胶 Human doll chest, Silicon gel
外观 (mPa.S) Appearance	透明 transparent
粘度 (mPa.S) Viscosity	80~110
常规操作时间 (min) Regular operation time	1~3
常温固化时间 (min) Room temperature curing time	8~15

