

PACKAGE

Support OEM/ODM Customization



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PRODUCT CATALOG

SHENZHEN JINHUA
ELECTRONIC MATERIALS CO., LTD.



COMPANY INTRODUCTION



EPOXY RESIN MANUFACTURER & CUSTOM FORMULATION PARTNER SINCE 2009

20,000 m² Factory | 8 Automated Production Lines
| Over 10,000 Tons Annual Capacity

Shenzhen Jinhua Electronic Materials Co., Ltd. is a professional epoxy resin manufacturer integrating formulation development, production, quality control and global supply. Supported by a professional R&D team of more than 20 members, we deliver stable resin systems for retail, wholesale, private-label and industrial customers worldwide.

Our epoxy resin solutions cover arts and crafts, jewelry, decorative casting, river tables, wood furniture, metallic and industrial flooring, fiberglass and carbon-fiber composites, surfboards, electronic potting, LED encapsulation, doming stickers, nameplates and fake-water displays.

Our complete product portfolio also includes UV resin, polyurethane resin, silicone rubber, gypsum powder, mulch and rock glue, colorants and resin accessories, helping customers source complementary materials from one reliable manufacturer.

JINHUA provides comprehensive OEM and ODM services, including customized formulations, mixing ratios, viscosity, hardness, curing time, UV resistance, colors and application performance. We also support customized containers, packaging, labels, logos and complete private-label product development—from sample testing and formula optimization to mass production and shipment.

Quality is controlled throughout raw material inspection, formulation, mixing, filling, packaging and final batch testing. JINHUA maintains an ISO 9001 quality management system and implements SA8000 social accountability standards. Applicable products are tested according to relevant requirements, including REACH, RoHS, CPSIA, EN71, ASTM D-4236 and PAHs, with supporting documents available upon request.

With consistent quality, flexible customization and responsive technical support, JINHUA has established partnerships with more than 2,000 customers across over 70 countries. We are committed to providing dependable products and application-focused resin solutions that help our partners grow their businesses.



PRODUCT CATALOG



1. EPOXY RESIN

2. UV RESIN

3. POLYURETHANE RESIN

4. SILICONE MOLD RUBBER

5. GYPSUM POWDER

6. MULCH & ROCK GLUE

7. COLORANTS

8. ACCESSORIES

EPOXY RESIN



DEEP-POUR EPOXY RESIN



PRODUCT PARAMETERS

MODEL NO	MIXING RATIO	POT LIFE	TOUCH DRY TIME	CURING TIME	VISCOSITY (A)	VISCOSITY (B)	HARDNESS
318AB-7T	3:1 (Weight Ratio)	50min	14h	48h	1300±300mPa·s	100maxmPa·s	83D
318AB-9T-2	2:1 (Weight Ratio)	2-3h	10h	14-16h	750±50mPa·s	750±50mPa·s	83D
318AB-9V	2:1 (Weight Ratio)	16h	24h	48h	1000cps	1000cps	82D

Applications: Creative production of various resin river tables, embedding/potting of large botanical and zoological specimens, large-scale DIY handicraft projects, etc.

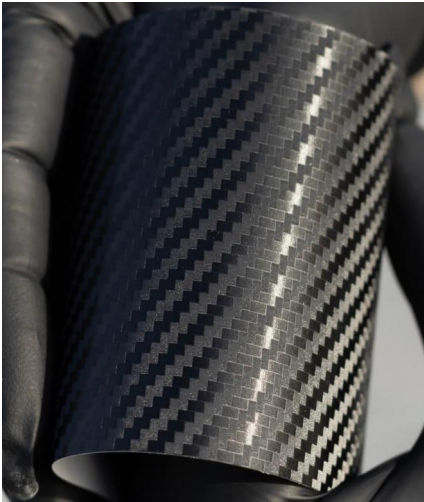
Notes: ① The working time is referenced to a mixed resin quantity of 100g.
② The above performance data are typical values measured in a laboratory environment at a temperature of 25°C and humidity of 70%. They are for customer reference only!

MAXIMUM SINGLE-POUR THICKNESS:

- 318AB-7T: 1-3cm
- 318AB-9T-2: 8-12cm
- 318AB-9V: 15-18cm



EPOXY RESIN FOR COMPOSITE MATERIALS



PRODUCT PARAMETERS

MODEL NO	MIXING RATIO	POT LIFE	TOUCH DRY TIME	CURING TIME	VISCOSITY (A)	VISCOSITY (B)	HARDNESS
2120AB-1	2:1 (Weight Ratio)	15min	2h	4h	6000-10000cps	250maxcps	<90D
318AB-RTM	3:1 (Weight Ratio)	45min	12h	16h	2500-4500cps	150maxcps	<90D
6992AB	4:1 (Weight Ratio)	10min	\	3h	800-2500cps	100maxcps	<92D
3323AB	2:1 (Weight Ratio)	2h	\	24h	2500-4500cps	150maxcps	<90D

Applications: Various carbon fiber products, surfboards, automotive interiors, surface coating/doming for solar panels, surface lamination/coating.

Notes: The above performance data are typical values measured in a laboratory environment at a temperature of 25°C and humidity of 70%. They are for customer reference only!

PRODUCT CHARACTERISTICS:

- High Transparency
- Self-defoaming
- Anti-yellowing

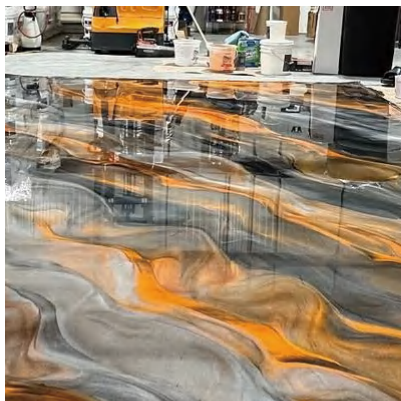
EPOXY FLOORING RESIN



Epoxy Flake Floor



Epoxy Colored Sand Floor



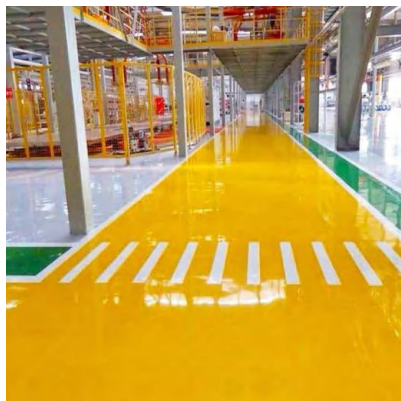
Metallic Epoxy Floor



Epoxy Aggregate Floor



3D Epoxy Floor



Industrial Flooring

PRODUCT PARAMETERS

MODEL NO	MIXING RATIO	POT LIFE	TOUCH DRY TIME	CURING TIME	VISCOSITY (A)	VISCOSITY (B)	HARDNESS
Epoxy Primer 2120AB-K	2:1 (Weight Ratio)	40min	5h	7h	60000-12000cps	250maxcps	<86D
204AB	2:1 (Weight Ratio)	20-25min	12-15h	20h	800±250mPa·s	300maxmPa·s	75D
Epoxy Primer 218AB-DM	5:1 (Weight Ratio)	30min(20℃)	8-10h(20℃)	≥36h(20℃)	4500±500mPa·s	200±1000mPa·s	82±2D
218AB-TM-C	2:1 (Weight Ratio)	30min(20℃)	8-10h(20℃)	≥36h(20℃)	2000±400mPa·s	200±100mPa·s	78±4D
113AB-2	3:1 (Weight Ratio)	40±5min	10-14h	36-48h	4500±1,000mPa·s	100maxmPa·s	85D
Applications: Various epoxy metallic floors, epoxy 3D floors, epoxy flake floors, epoxy colored sand floors, epoxy gravel floors, industrial floor coatings, etc.							
Notes: The above performance data are typical values measured in a laboratory environment at a temperature of 25℃ and humidity of 70%. They are for customer reference only!							

Epoxy Resin for Epoxy Self-Levelling Floor (Polyurethane Floor also available)
Primer Mixing Ratio: 3:1(Weight Ratio)
Mid Coat Mixing Ratio: 5:1(Weight Ratio)
Top Coat Mixing Ratio: 5:1(Weight Ratio)
Curing Time: About 6-8 hours for each layer

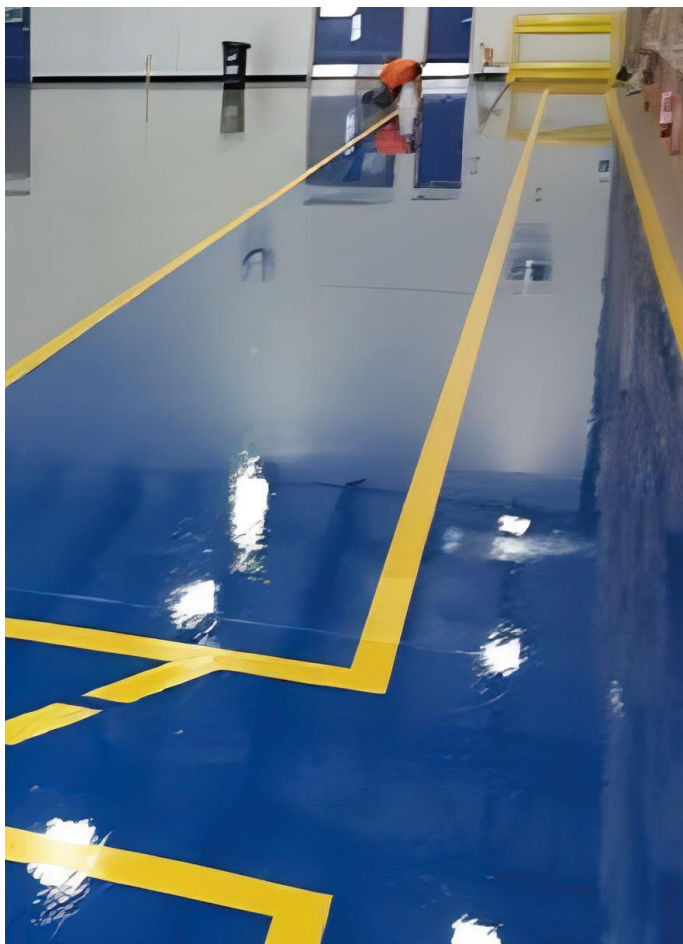
PRODUCT CHARACTERISTICS:

- High Transparency
- Self-defoaming

- Good Levelling

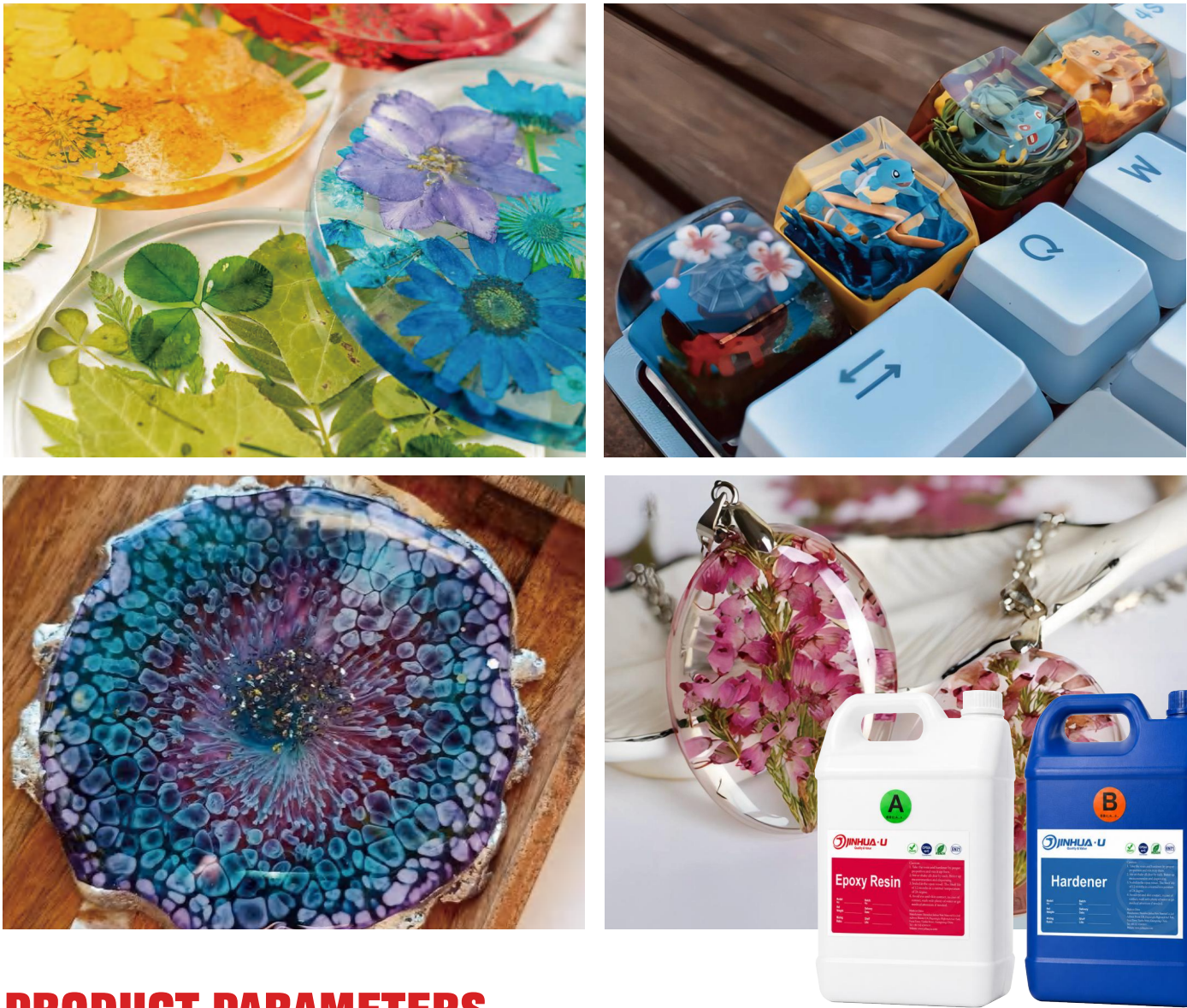


POLYASPARTIC POLYUREA FOR FLOORING COATING



Polyaspartic Polyurea

CRYSTAL-CLEAR EPOXY RESIN FOR ARTS & CRAFTS



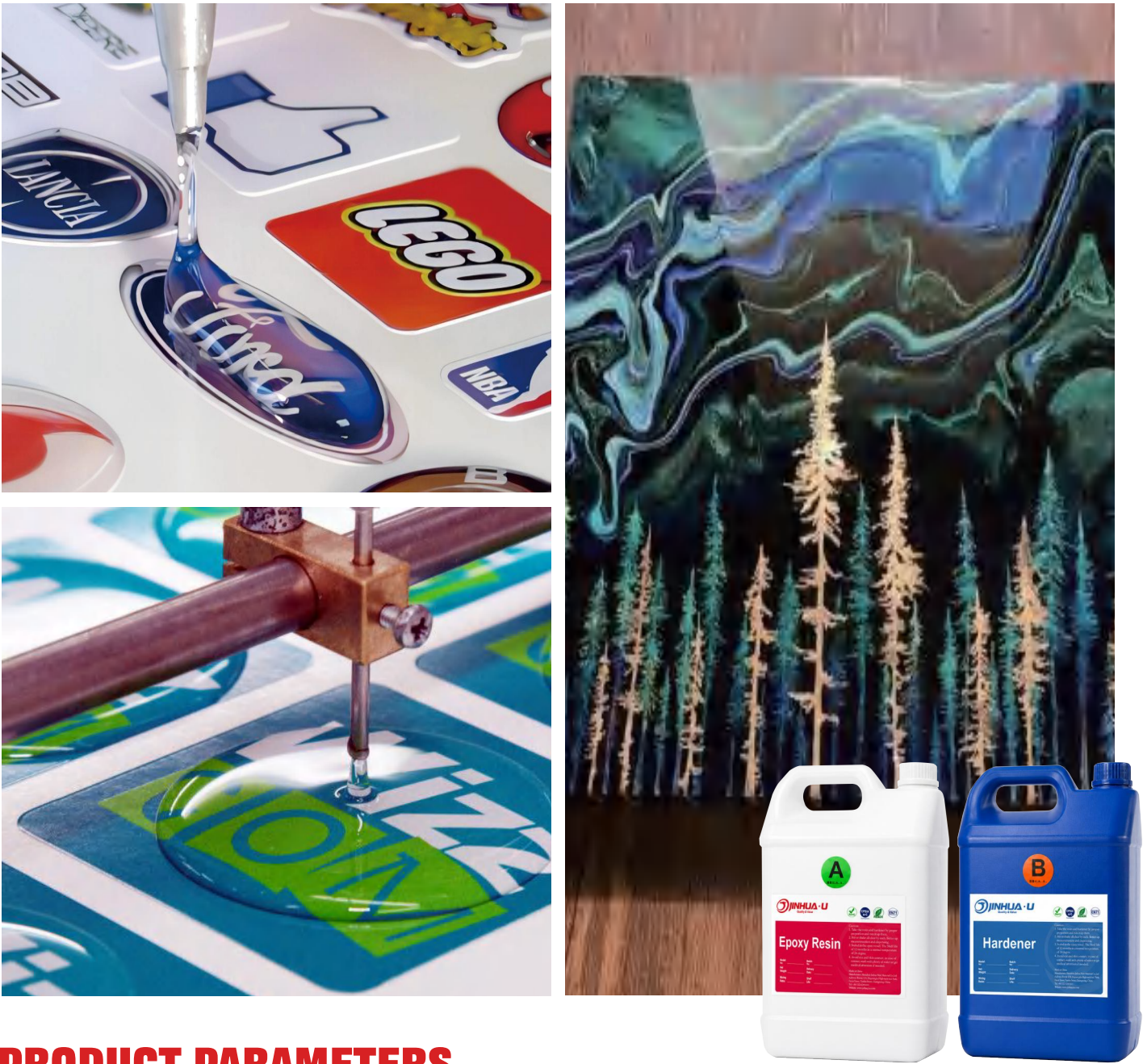
PRODUCT PARAMETERS

MODEL NO	MIXING RATIO	POT LIFE	TOUGH DRY TIME	CURING TIME	VISCOSITY (A)	VISCOSITY (B)	HARDNESS
1201AB-1	1:1 (Volume Ratio)	60±15min	18-24h	48h	2000±500mPa·s	1500±500max mPa·s	78±5D
1011AB	3:1 (Weight Ratio)	60min	8h	10h	240cps	100maxcps	87D
318AB-C2	3:1 (Weight Ratio)	10min	12-14h	24h	800±200mPa·s	80maxmPa·s	80D
2120AB-M3-2	2:1 (Weight Ratio)	50±10min	12h	24h	800-2500cps	100maxcps	75D
Applications: Various handmade DIY model creations, small mold casting/embedding, embedding of small botanical and zoological specimens, resin paintings, ashtrays, decorative tabletop pieces, etc.							
Notes: The above performance data are typical values measured in a laboratory environment at a temperature of 25°C and humidity of 70%. They are for customer reference only!							

PRODUCT CHARACTERISTICS:

- High Transparency
- Self-defoaming
- Anti-yellowing

CLEAR EPOXY RESIN FOR DOMING STICKERS



PRODUCT PARAMETERS

MODEL NO	MIXING RATIO	POT LIFE	TOUGH DRY TIME	CURING TIME	VISCOSITY (A)	VISCOSITY (B)	HARDNESS
312AB-8	3:1 (Weight Ratio)	40min	8h	10h	1500-3000cps	100maxcps	<85D
308AB	3:1 (Weight Ratio)	60min	12h	16h	1000±500mPa·s	150maxmPa·s	85±10D
Applications: Various domed stickers, IC cards, smart cards, logos, cartoon keychains, car door anti-collision stickers, surface doming/coating, etc.							
Notes: The above performance data are typical values measured in a laboratory environment at a temperature of 25°C and humidity of 70%. They are for customer reference only!							

PRODUCT CHARACTERISTICS:

- High Transparency
- Self-defoaming
- Anti-yellowing

EPOXY RESIN FOR FAKE WATER



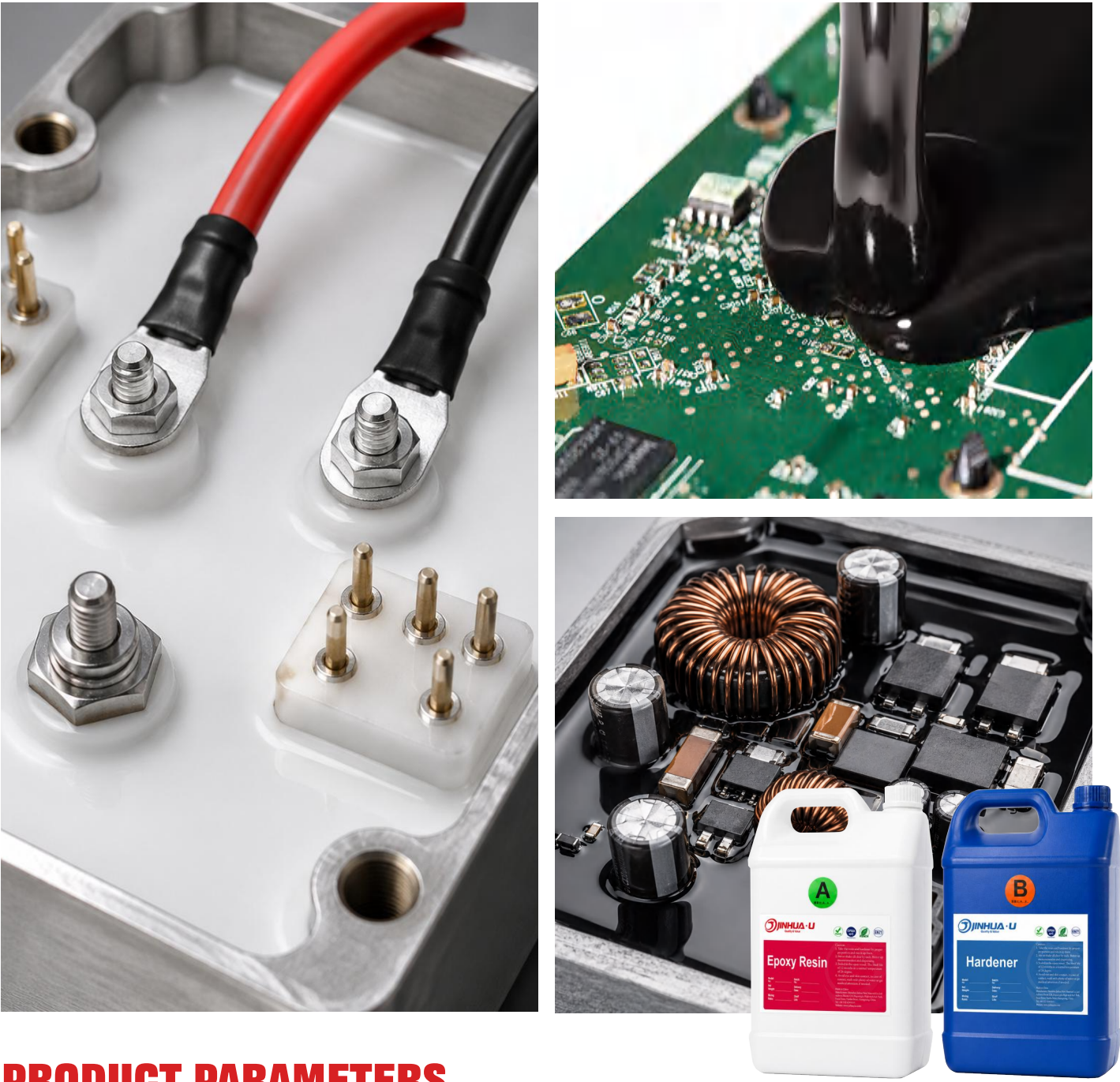
PRODUCT PARAMETERS

MODEL NO	MIXING RATIO	POT LIFE	TOUCH DRY TIME	CURING TIME	VISCOSITY (A)	VISCOSITY (B)	HARDNESS
YG102AB	1:1 (Weight Ratio)	40±10min	9h	24h	1000±300mPa·s	100±30mPa·s	65±5A
YG103AB-2	1:1 (Weight Ratio)	40±10 min	9h	24h	1000±300mPa·s	100±30mPa·s	60A
Applications: Various fake water crafts, glassware, simulated food models, beverage embedding/casting, etc.							
Notes: The above performance data are typical values measured in a laboratory environment at a temperature of 25°C and humidity of 70%. They are for customer reference only!							

PRODUCT CHARACTERISTICS:

- High Transparency
- Crack-resistant
- Anti-yellowing

EPOXY RESIN FOR ELECTRONIC POTTING



PRODUCT PARAMETERS

MODEL NO	MIXING RATIO	POT LIFE	TOUCH DRY TIME	CURING TIME	VISCOSITY (A)	VISCOSITY (B)	HARDNESS
588AB(black)	5:1 (Weight Ratio)	40min	8h	10h	1500-4000cps	500-2000cps	<87D
688AB(white)	5:1 (Weight Ratio)	50±5min	8-14h	36-48h	12000±3000mPa·s	150maxmPa·s	87D
Applications: Confidential potting/encapsulation of various electronic components.							
Notes: The above performance data are typical values measured in a laboratory environment at a temperature of 25°C and humidity of 70%. They are for customer reference only!							

PRODUCT CHARACTERISTICS:

- Water-resistant
- Sealing & protection
- Low-shrinkage

EPOXY RESIN FOR LED ENCAPSULATION



PRODUCT PARAMETERS

MODEL NO	MIXING RATIO	POT LIFE	TOUCH DRY TIME	CURING TIME	VISCOSITY (A)	VISCOSITY (B)	HARDNESS
2120AB-25D-2	2:1 (Weight Ratio)	25min	5h	7h	1500-2500cps	250maxcps	<78D
1169AB	1:1 (Weight Ratio)	50±5 min	14-16h	24h	1050+100mPa·s	1500+300mPa·s	52D
Applications: Potting/encapsulation of various LEDs, light bars, light strips, and electronic circuit board displays; potting/encapsulation of various illuminated advertising letters, outdoor advertising letters, and advertising signs.							
Notes: The above performance data are typical values measured in a laboratory environment at a temperature of 25°C and humidity of 70%. They are for customer reference only!							

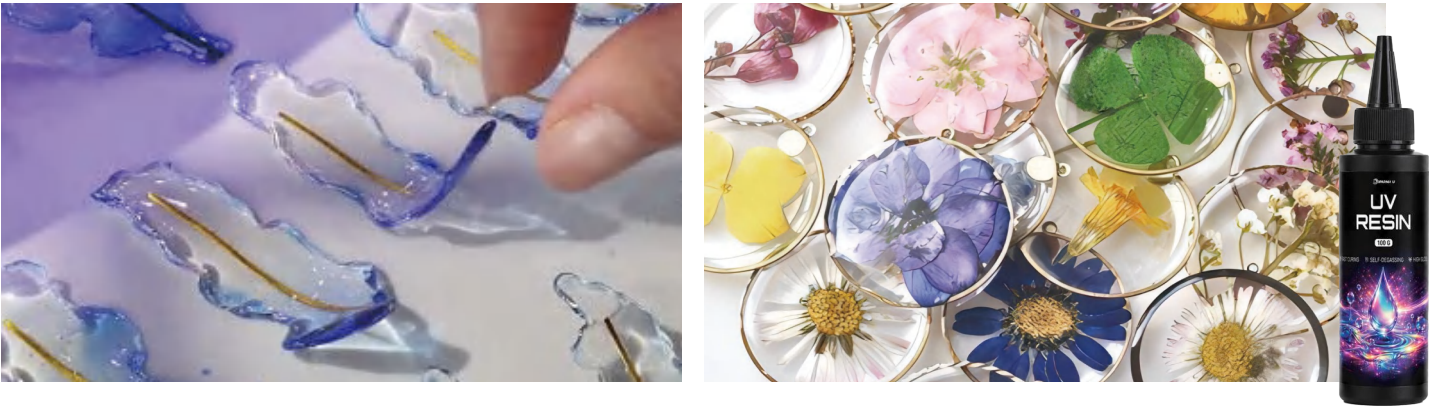
PRODUCT CHARACTERISTICS:

- Waterproof & moisture-proof
- High electrical insulation
- Resistant to high & low temperatures

UV RESIN



UV RESIN FOR DIY CRAFTS



PRODUCT PARAMETERS

MODEL NO	VISCOSITY	CURING TIME	HARDNESS
1121-P12	1000-1600 mPa·s	6W UV: 3min both sides 72W UV: 2min both sides	85±3D
1121-19N2	1200-1800 mPa·s	6W UV: 2min both sides 72W UV: 1min both sides	83±3D
1121-15D2	1200-1800 mPa·s	6W UV: 2min both sides 72W UV: 1min both sides	86±3D
1121S-36	3200-4200 mPa·s	6W UV: 2min both sides 72W UV: 1min both sides	≧86D
Applications: Various handmade DIY creations, object bonding and repair, potting/encapsulation of small electronic components, etc.			
Notes: The above performance data are typical values measured in a laboratory environment at a temperature of 25°C and humidity of 70%. They are for customer reference only!			

COLORED UV RESIN FOR DIY CRAFTS



2701S

Viscosity(25℃): 1000-1500CPS
Curing Time: Each side 120S (UV-LED 24W)

POLYURETHANE RESIN



PRODUCT PARAMETERS

MODEL NO	MIXING RATIO	POT LIFE	TOUCH DRY TIME	CURING TIME	VISCOSITY (A)	VISCOSITY (B)	HARDNESS
518AB-33X2	3:1 (Weight Ratio)	15min	\	24h	250±100cps	30±30cps	75±5A
618AB-18	1:1 (Weight Ratio)	15min	2h	3.5h(65℃) 24h(25℃)	200±50mPa·s	250±50mPa·s	70±5A
Applications: Can be used for surface doming/coating on nameplates, stickers, decorative wall decals, wine labels, logos, etc.							
Notes: The above performance data are typical values measured in a laboratory environment at a temperature of 25°C and humidity of 70%. They are for customer reference only!							

PRODUCT CHARACTERISTICS:

- Fast curing
- Non-yellowing
- Bubble-free

SILICONE MOLD RUBBER



717AB-F

Mixing Ratio: A:B=1:1(Weight Ratio)
Hardness: ShoreA 0-45
Viscosity: A:1500-15000mPa·s B:1500-6000mPa·s

PRODUCT PARAMETERS

MODEL NO	TEAR STRENGTH	HARDNESS	TENSILE STRENGTH	ELONGATION	VISCOSITY
717AB-F (0°)	≥12	0±2	≥2	≥300	1500±500mpa·s
717AB-F (5°)	≥12	5±2	≥2	≥300	1500±500mpa·s
717AB-F (10°)	≥12	10±2	≥2	≥300	1500±500mpa·s
717AB-F (15°)	≥12	15±2	≥2	≥300	1500±500mpa·s
717AB-F (20°)	≥12	20±2	≥3	≥300	1500±500mpa·s
717AB-F (25°)	≥12	25±2	≥2	≥300	1500±500mpa·s
717AB-F (30°)	≥12	30±2	≥2	≥300	1600±500mpa·s
717AB-F (40°)	≥16	40±2	≥5	≥320	6000±3000mpa·s
717AB-F (45°)	≥16	45±2	≥5	≥300	A:15000±3000mpa·s B:6000±3000mpa·s

Applications: Production of various silicone molds, mold replication/casting.

Notes: The above performance data are typical values measured in a laboratory environment at a temperature of 25°C and humidity of 70%. They are for customer reference only!

GYPSUM POWDER



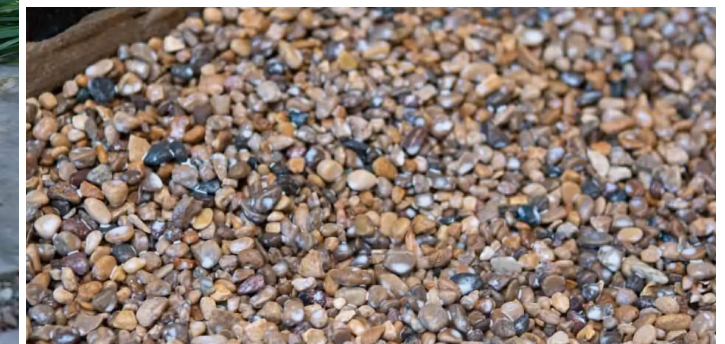
715AB

Mixing Ratio: A:B=10:3(Weight Ratio)
Curing Time: 25 °C *16-18min
Working Time: 3min

PRODUCT CHARACTERISTICS:

- Fast curing & high detail reproduction
- High hardness, easy polishing and carving
- Low shrinkage

MULCH & ROCK GLUE



616-5

Viscosity: 1500±300mPa·s
Curing Time: 25 °C * 18-24H (2mm thickness)
Operating Temperature Range: 10 °C -70 °C

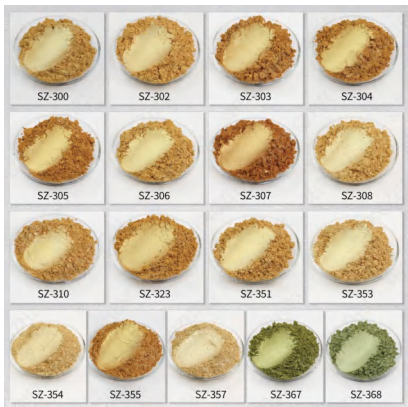
PRODUCT CHARACTERISTICS:

- High bonding strength
- Low shrinkage, weather resistant
- Clear & anti-yellowing

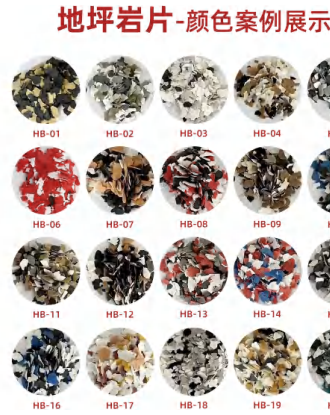
COLORANTS



Pearlescent Pigment-2
Color: 15 colors



Pearlescent Pigment-3
Color: 17 colors



Decorative Flakes
Color: 20 colors



Liquid Colorant for Epoxy
Color: 24 colors



Epoxy Pigment Powder
Color: 24 colors



Water-Based Colorant
Color: 5 colors

K-B-D-T系列环保通用色浆色卡											
1102 大红	2284 嫩黄色	3301 群青蓝	0002 特白色	0015 荧光橙							
1103 桃红色	2205 橙色	3302 靛蓝色	0003 浅灰色	0016 荧光橙黄							
2206 桔红色	7701 铁红色	3303 宝蓝色	0004 深灰色	0017 荧光黄							
1105 桃红色	7702 土黄色	3305 天蓝色	509 特黑色	0018 荧光绿							
2201 柠檬黄	7703 棕色	6601 彩绿色	511 亮黑色	0019 荧光蓝							
2202 中黄色	7716 紫色	6603 果绿色	0013 亮红色	0020 荧光紫							
7203 金黄色	支持潘通、劳尔、国际色卡颜色定制	0001 白色	0014 亮橙红	0021 亮玫红							



Color Paste
Color: 35 colors



Artificial Colored Sand
Color: 72 colors



Resin Pigment Paste
Color: 6 colors



Oil-Based Epoxy Colorant
Color: 11 colors

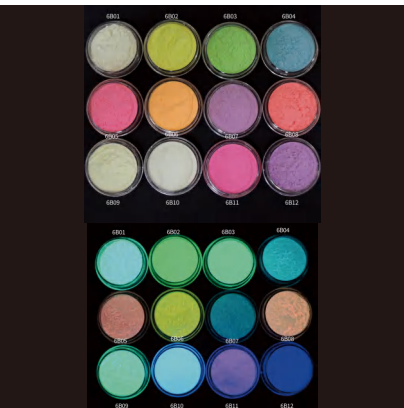


Silicone Color Paste
Color: 30 colors

ACCESSORIES



Glow Powder
Color: 31 colors



Glow-in-the-Dark Powder
Color: 12 colors



Pearlescent Pigment-1
Color: 50 colors



Auto Resin Mixer



Vacuum Degassing Machine(US Plug)



Vacuum Degassing Machine(EU Plug)