



Guanghan New Material

MAIN PRODUCTS

The main products are white glue, emulsion, new hot melt adhesive, silicone adhesive, water-based epoxy resin and other five categories of 22 varieties.



SHANDONG GUANGHAN NEW MATERIAL CO., LTD

Shandong Guanghan New Materials Co., Ltd., established in 2014, is a fine chemical enterprise dedicated to innovative R&D and green production of adhesives. The company provides customized adhesive solutions across multiple specific sectors including construction, woodworking, automotive, photovoltaic, rail transit, electronics & electrical appliances, and new energy industries.



www.ghwoodglue.com

SEARCH



72667 M²
COVERS AN AREA

16 LINES
MODERN PRODUCTION

526 SETS
PRODUCTION EQUIPMENT

283,000 TONS
AN ANNUAL PRODUCTION CAPACITY



1

SILICONE SEALANT

300ML / PC, 24PCS /CTN



One-component, neutral, room temperature curing. Suitable for general sealing, bonding and repairing, such as doors and windows, glass, aluminum, stainless steel, ceramics and other materials.

FEATURES

Weatherproof

Excellent Adhesion

No shrinkage, Colorfast

Suitable for window&door

Properties	Index	793 Results	Test Method
Appearance	Fine and uniform paste		GB/T 14683-2017 6.2
Density, g/cm	Specified value ± 0.1	1.56	GB/T 13477.2-2018(ASTM D1475)
Sag, mm	≤ 3	0	GB/T 13477.6(ISO 7390)
Surface drying time, h	≤ 3	0.7	GB/T 13477.5-2022(ASTM D2377)
Extrudability, ml/min	≥ 150	568	GB/T 13477.3-2017(ISO 8394)
Elastic recovery rate, %	≥ 80	84	GB/T 13477.17-2017(ISO 7389)
Tensile modulus, MPa	> 0.4	0.6	GB/T13477.8-2017(ISO 8339)
Adhesion at fixed elongation	No damage		GB/T 13477.10-2017
Adhesion at fixed elongation after water ingress			GB/T 13477.11-2017
Adhesion after cold drawing and hot pressing			GB/T 13477.13-2002
Adhesion after ultraviolet irradiation			JC/T 458-2007
Mass loss rate, %	≤ 8	4.9	GB/T13477.19(ISO 10563)



2

SANITARY SEALANT

300ML / PC, 24PCS /CTN

One-component, neutral, room temperature curing. Widely used in waterproof sealing and caulking in various high humidity environments, such as cabinets, basins, toilets, shower rooms, etc.

FEATURES

MOLD PROOF

Colorfast

No Cracking or Discoloration

Suitable for kitchen&bathroom

100% Waterproof



Properties	Index	795 Results	Test Method
Appearance	Fine and uniform paste		GB/T 14683-2017 6.2
Density, g/cm	Specified value ± 0.1	1.56	GB/T 13477.2-2018(ASTM D1475)
Sag, mm	≤ 3		GB/T 13477.6(ISO 7390)
Surface drying time, h	≤ 3	0.1	GB/T 13477.5-2022(ASTM D2377)
Extrudability, ml/min	≥ 150	650	GB/T 13477.3-2017(ISO 8394)
Elastic recovery rate, %	≥ 80	86	GB/T 13477.17-2017(ISO 7389)
Tensile modulus, MPa	> 0.4	0.7	GB/T13477.8-2017(ISO 8339)
Adhesion at fixed elongation	No damage		GB/T 13477.10-2017
Adhesion at fixed elongation after water ingress			GB/T 13477.11-2017
Adhesion after cold drawing and hot pressing			GB/T 13477.13-2002
Adhesion after ultraviolet irradiation			JC/T 458-2007
Mass loss rate, %	≤ 8	4.5	GB/T13477.19(ISO 10563)



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ACETIC SILICONE SEALANT

300ML / PC, 24PCS /CTN



One-component, acidic, room temperature curing. Especially for the fish tank manufacturing industry, such as bonding and sealing of large glass plates and small aquarium fish tanks (aquariums).

FEATURES

No sag, Watertight

UV Resistant

Rapid Curing

Excellent Adhesion

Properties	Index	797 Results	Test Method
Appearance	Fine and uniform paste		GB/T 14683-2017 6.2
Density, g/cm	Specified value ± 0.1	1.56	GB/T 13477.2-2018(ASTM D1475)
Sag, mm	≤ 3		GB/T 13477.6(ISO 7390)
Surface drying time, h	≤ 3	0.7	GB/T 13477.5-2022(ASTM D2377)
Extrudability, ml/min	≥ 150	615	GB/T 13477.3-2017(ISO 8394)
Elastic recovery rate, %	≥ 80	89	GB/T 13477.17-2017(ISO 7389)
Tensile modulus, MPa	> 0.4	0.8	GB/T13477.8-2017(ISO 8339)
Adhesion at fixed elongation	No damage		GB/T 13477.10-2017
Adhesion at fixed elongation after water ingress			GB/T 13477.11-2017
Adhesion after cold drawing and hot pressing			GB/T 13477.13-2002
Adhesion after ultraviolet irradiation			JC/T 458-2007
Mass loss rate, %	≤ 8	4.7	GB/T13477.19(ISO 10563)



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ADVANCED SILICONE

300ML / PC, 24PCS /CTN

One-component, neutral, room temperature curing. Widely used in bonding and sealing of most building materials, especially suitable for large and small curtain walls, sun rooms, stone, aluminum veneer, thermal insulation integrated board, concrete and metal, etc.

FEATURES

WEATHERPROOF

100% Waterproof

Excellent adhesion

Elastic after curing



Properties	Index	799 Results	Test Method
Appearance	Fine and uniform paste		GB/T 14683-2017 6.2
Density, g/cm	Specified value ± 0.1	1.51	GB/T 13477.2-2018(ASTM D1475)
Sag, mm	≤ 3		GB/T 13477.6(ISO 7390)
Surface drying time, h	≤ 3	0.9	GB/T 13477.5-2022(ASTM D2377)
Extrudability, ml/min	≥ 150	596	GB/T 13477.3-2017(ISO 8394)
Elastic recovery rate, %	≥ 80	88	GB/T 13477.17-2017(ISO 7389)
Tensile modulus, MPa	> 0.4	0.8	GB/T13477.8-2017(ISO 8339)
Adhesion at fixed elongation	No damage		GB/T 13477.10-2017
Adhesion at fixed elongation after water ingress			GB/T 13477.11-2017
Adhesion after cold drawing and hot pressing			GB/T 13477.13-2002
Adhesion after ultraviolet irradiation			JC/T 458-2007
Mass loss rate, %	≤ 8	4.7	GB/T13477.19(ISO 10563)



5

SILICONE SEALANT

750G / PC, 20PCS /CTN

One-component, neutral, room temperature curing. Suitable for general sealing, bonding and repairing, such as doors and windows, glass, aluminum, stainless steel, ceramics and other materials.

FEATURES

Low odor

Super bonding

Transparent film

Green environmental friendly

High bonding strength



Properties	Index	995 Results	Test Method
Appearance	Fine and uniform paste		GB/T 14683-2017 6.2
Density, g/cm	Specified value ± 0.1	1.53	GB/T 13477.2-2018(ASTM D1475)
Sag, mm	≤ 3		GB/T 13477.6(ISO 7390)
Surface drying time, h	≤ 3	0.7	GB/T 13477.5-2022(ASTM D2377)
Extrudability, ml/min	≥ 150	589	GB/T 13477.3-2017(ISO 8394)
Elastic recovery rate, %	≥ 80	86	GB/T 13477.17-2017(ISO 7389)
Tensile modulus, MPa	> 0.4	0.7	GB/T13477.8-2017(ISO 8339)
Adhesion at fixed elongation	No damage	No damage	GB/T 13477.10-2017
Adhesion at fixed elongation after water ingress			GB/T 13477.11-2017
Adhesion after cold drawing and hot pressing			GB/T 13477.13-2002
Adhesion after ultraviolet irradiation			JC/T 458-2007
Mass loss rate, %	≤ 8	4.8	GB/T13477.19(ISO 10563)



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ADVANCED SILICONE

750G / PC, 20PCS /CTN

One-component, neutral, room temperature curing. Widely used in bonding and sealing of most building materials, especially suitable for large and small curtain walls, sun rooms, stone, aluminum veneer, thermal insulation integrated board, concrete and metal, etc.

FEATURES

WEATHERPROOF

100% Waterproof

Excellent adhesion

Elastic after curing



Properties	Index	997 Results	Test Method
Appearance	Fine and uniform paste		GB/T 14683-2017 6.2
Density, g/cm	Specified value ± 0.1	1.51	GB/T 13477.2-2018(ASTM D1475)
Sag, mm	≤ 3		GB/T 13477.6(ISO 7390)
Surface drying time, h	≤ 3	0.9	GB/T 13477.5-2022(ASTM D2377)
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Adhesion after ultraviolet irradiation			JC/T 458-2007
Mass loss rate, %	≤ 8	4.7	GB/T13477.19(ISO 10563)



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PUR EDGE SEALING ADHESIVE

5KG, 20KG



Temperature	above 35°C	30-35°C	20-30°C	10-20°C	below 10°C
Pressure plate	130°C	135°C	140°C	150°C	150°C
Throat pipe	130°C	135°C	140°C	150°C	150°C
Glue coating roller (actual measurement)	120-125°C	125-130°C	130-140°C	140-150°C	150-160°C
Glue amount	110-115/m ²	115-120/m ²	120-130/m ²	130-140/m ²	140-150/m ²

When the ambient temperature is below 15°C, the substrate and edge banding material must be preheated. *The above parameters are for reference only.

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COLOR ADHESIVE

SUPPORT SAMPLE CUSTOMIZATION



01米灰 02闪银灰 03灰白色 04极光灰 05砂灰 06浅灰 07星光灰 08深灰白



09之江灰 10浅中灰 11卡其灰 12深卡其灰 13东方灰 14大理石灰 15银灰 16淡银灰



17云朵灰 18烟灰色 19中灰 20中深灰 21云石灰 22乌托银 23岩石灰 24淡雅灰



25铁灰 26曙光灰 27布朗灰 28中行灰 29玉石灰 30亚深灰 31深灰 32深兰灰



33奥地利灰 34太空灰 35土棕色 36香槟色 37星光白 38浅米白 39象牙白 40淡米白



41奶茶色 42沙黄色 43淡象牙黄 44浅米黄 45深米黄 46米黄 47禅香色 48安泰黄



49广告黄 50中络黄 51闪金色 52杏黄色 53浅桔红 54闪金 55闪玫瑰金 56深玫瑰金



57金丝楠木 58玫瑰金 59红木 60木纹 61黄香槟 62土黄色 63泥黄 64板材黄



65泥土色 66山茶色 67香槟 68咖啡金 69亚麻色 70浅玫瑰金 71豆沙色 72骆驼色

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PU FOAM

750ML / PC, 15PCS / CTN

It has good elasticity and can effectively cushion and disperse impact forces. It is resistant to weak acids, weak alkalis and aging.

FEATURES

Door and window

Bathtub gap

Pipe

Electrical insulation

Polyurethane

Wall

Refrigeration insulation

Properties	Product	Standard Requirement	Test Result	Conclusion	Test Reference
Appearance		PU sealant is liquid in the aerosol can, and the sprayed material is a foam with uniform color, without undispersed particles and impurities. After curing, it becomes a rigid foam plastic with uniform pores.		Compliant	JC/T 936-2004 7.1
Density		$\geq 10\text{kg/m}^3$	16kg/m^3		GB/T 6343-2009
Dimensional Stability	Length	$\leq 5\%$	0.01		JC/T 936-2004 7.3
	Width	$\leq 5\%$	0.01		GB/T 8818-2008
	Thickness	$\leq 5\%$	0.01		
Shear Strength		$\geq 80\text{kPa}$	247kPa		JC/T 936-2004 7.7
Expansion Ratio		$\geq 30\text{times}$	55times		JC/T 936-2004 7.8
VOCs Content		$\leq 350\text{g/L}$	55.4g/L		GB 33372-2020



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NAIL FREE GLUE

300ML / PC, 24PCS /CTN



The nail-free adhesive is suitable for indoor and outdoor sealing and bonding, such as bonding and sealing of kitchens, bathrooms, mirrors, glass, tiles, skirtings, decorative panels, cement walls, wooden window frames, etc.

FEATURES

Instant tack

Adhere to most materials

Invisible

Strong and easy

High and low temperature resistant

Properties	Product	Technical requirements
Appearance		A fine, uniform paste without bubbles, crust or gel
Density/(g/cm ³)		1.28±0.05
Sag/mm	vertical	≤3
	level	
Extrudability/(g/min)		≥180
Surface drying time/min		≤15
Peel strength/N(24h)		≥65
Shear strength/N(24h)		> 1200



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WHITE GLUE

500ML, 3KG, 7KG, 15KG

Widely applicable to home decoration, wall and ground decoration, art decoration, wood products processing and other fields; also suitable for bonding porous materials such as books, fiber fabrics and leather etc.

FEATURES

High strength

Moderate viscosity

Good initial viscosity

Green environmental friendly



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WOOD GLUE

25KG, 50KG, 100KG, 1000KG

Wood glue occupies an important position in the woodworking industry and is widely used in various woodworking projects such as furniture manufacturing, wooden handicraft production, floor laying, door and window assembly, etc.

FEATURES

Low odor

Super bonding

Transparent film

Green environmental friendly

High bonding strength



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TILE GROUT

400ML / PC, 12PCS / CTN

It is suitable for waterproof, mildew-proof and beautiful joints of various ceramic tiles, glass tiles, quartz tiles, mosaics, etc., as well as the seaming of cover plates such as kitchen countertops, shower rooms, toilets, window sills, countertops, etc.

FEATURES

Good toughness

Anti-aging

Green environmental friendly

Mildew and bacteria prevention



Properties	Product	Result	Test method
Appearance		Uniform color, thixotropic paste, no bubbles	Q/GH 03
Extrusion/N		≤ 4000	Q/GH 03
Sagging resistance/mm		≤ 1	Q/GH 03
Surface Dry Time/h		≤ 3	GB/T 13477.5-2022 8.2 B法
Tack Time/h		≤ 5	Q/GH 03
Hardness (1d, Shore D)		≥ 40	GB/T 531.1-2008
Tensile Strength/MPa(3d)		≥ 5	GB/T 528-2009

GH光汉®

Guanghan New Material



VIP

Customer Service Hotline

0086 400 0606 178

Provide you with business consultation on VIP solutions, industry cooperation, product sales, etc.



SHANDONG GUANGHAN NEW MATERIAL CO., LTD