

GUIBAO 888A Silicone Sealant for Solar Modules

high performance one part RTV silicone sealant specially designed for solar modules

- High and low temperature resistance, working temperature -50°C~+200°C;
- Excellent electrical insulation performance;
- Outstanding waterproof, weather resistance and anti-ultraviolet yellowing performance;
- Pass UL certification and meet the requirements of EU Reach RoHS directive.

FEATURES

- Single component, easy to operate;
- Thixotropic, fast curing at room temperature;
- Wide range of applicable materials, high bonding strength and good flexibility;

BASIC USES

- used for bonding and sealing of the frame of photovoltaic modules, and has the functions of moisture-proof, shock-proof, insulation and weather resistance.
- Used for bonding and fixing the junction box of photovoltaic modules.

TYPICAL PROPERTIES

Test Method	Property	Unit	Result
Before Curing			
/	Appearance		White or Black paste
GB/T 13477.3 0.5MPa, 3mm	Extrusion rate	s/20g	≥8
GB/T 13477.5	Tack free time	min.	3~15
After Curing (After keeping 7 days under condition of relative humidity 50% ± 5% and 23°C)			
	Cure system		Oxime
GB/T 531	Hardness	Shore A	45~55
GB/T 528	Tensile strength	MPa	≥2.5
GB/T 528	Elongation at break	%	≥250
GB/T 7124	Shear strength	MPa	≥1.5
GB/T 1695	Dielectric breakdown strength	kV/mm	≥20
GB/T 1692	Volume resistivity	Ω·cm	≥1.0×10 ¹⁵

HOW TO USE

- Surface treatment: clean up the impurities on the surface of the substrate to keep it in a clean and dry state;
- Coating and curing: Extrude and evenly coat the sealant on the surface of the cleaned parts according to the process requirements, and complete the curing within the specified time.

PACKAGING & STORAGE

- Use 400mL/bar, 270kg/barrel packaging, special requirements can be specified after consultation.
- Store in a dry, ventilated and cool place, with a shelf life of 12 months, and store and transport as non-dangerous goods.

SAFETY INSTRUCTIONS

During the construction and curing process, a good ventilated environment should be maintained. Before curing, contact with eyes should be avoided. If contact

with eyes, rinse with plenty of water and seek medical attention in time.

DISCLAIMER

The information presented herein is offered in good faith and is believed to be accurate. However, because conditions and methods of using our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for specific applications

MANUFACTURER

*Chengdu Guibao Science and Technology Co., Ltd.
No.16, Xinyuan Road, Hi-tech Zone, Chengdu 610041
P.R.CHINA*

Tel: +86 28 8531 1860

Fax: +86 28 8531 8066

E-mail: guibao@cnguibao.com

www.cnguibao.com