

High performance one part RTV silicone specially designed for solar modules

GB 888A Silicone Sealant for Solar Modules

FEATURES

- **UL certified**
- Excellent resistance to UV radiation
- Stable and flexible from -50°C to +180°C
- Excellent electrical insulation performance
- Protects from mechanical shocks and chemical mediators
- Excellent weatherability and ozone resistance

- Excellent watertight seal property
- Sufficient protection of wafers from contamination or oxidation
- Non-toxic ,non-corrosive

BASIC USES

GB 888A silicone sealant for solar modules is specially designed for the following purposes

- Sealing and bonding the frames of solar modules
- Sealing and boning the junction boxes of solar modules

TYPICAL PROPERTIES

These values are not intended for use in preparing specifications.

Test Method	Property	Unit	Result	
/	Appearance		White/paste/thixotropic	
GB/T 13477	Slump	mm	0	
GB/T 13477	Tack free time	min.	12	
/	Cure time	min.	24	
GB/T 531.1	Hardness	Shore A	50	
GB/T 528	Tensile strength	Initial strength	MPa	2.1
		85°C,85% RH,1000h	MPa	1.4
GB/T 528	Elongation at break	Initial strength	%	360
		85°C,85% RH,1000h	%	360
GB/T 7124	Shear strength	MPa	1.2	
GB/T 1695	Dielectric breakdown strength	kV/mm	20.5	
GB/T 1692	Volume resistivity	Ω·cm	1×10 ¹⁵	
GB/T 2048	Fire resistance rate	Combustion performance	HB	

*GB: Chinese National Standard

ASTM: American Society for Testing and Materials

ISO: International Standardization Organization

PACKAGING

GB 888A is available in disposable cartridges (net 310ml), or sausages (net 400ml, 600ml), or drums (25kg, 250kg).

COLOURS

GB 888A is available in white, black and other customized colours.

STORAGE AND SHELF LIFE

- GB 888A should be stored in original unopened containers over the temperature from 4°C to 27°C. It has a shelf life of 12 months from the date of manufacture.
- GB 888A is solvent free, non-hazardous for transportation.

HOW TO USE

- Apply a bead of GB888A to one of the prepared surfaces, then quickly cover with the other substrate be bonded and remove the excess sealant
- Tool immediately before a skin forms
- A plug of used material may form in the tip of a tube or cartridge during storage. This is easily removed and does not affect the remaining contents.
- Air pressure should be maintained at 0.2~0.4MPa when using pneumatic gun.

SAFETY INFORMATION

- GB 888A is a chemical product, not edible, no implantation into body and should be kept away from children.
- Should uncured silicone sealant contact with eyes, rinse thoroughly with water and seek medical treatment if irritation persists.
- Avoid prolonged periods of exposure of skin to uncured silicone sealant.
- Good ventilation is necessary for work and cure places.

WARRANTY

Guibao has been certified by ISO9001, ISO14001 and OHSAS18001. The whole production process goes strictly in conformity with the regulations of the three systems.

AVAILABILITY

GB silicone sealants are available from Guibao company or local distributors.

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

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