**SOLAR SILICONE**

High performance one part RTV silicone specially designed 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

**GB 888A Silicone Sealant for Solar Modules**
- 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.

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

*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 to be bonded and remove the excess sealant 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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