

Silicone Sealant For PV Modules

Usage	Sealing the frames of solar cell
	Sealing/adhesive the junction boxes of solar cell
	Sealing the solar energy lamps
Before solidify	
Fundamental raw material	PDMS
Color	White
Viscosity (cps @ 25°C)	White paste
Solidify speed	6min./24 hrs. (2mm)
Density (g/cm ³)	1.37
Flash point (°C)	>93
After solidify	
Working temperature (°C)	-54 to 210
Shore hardness (ISO7619, GB/T531)	48
Elongation (%) (ISO37, GB/T528)	300
Tensile strength (MPa) (ISO37, GB/T528)	2.3
Shear strength (MPa) (ISO4587, GB/T7124)	1.8

Usage of Organic Silicone Adhesive for Bonding Sensitive Electronic Components

1. Designed to provide long term bonding and to protect against moisture, environmental attack, mechanical and thermal shock as well as vibration especially where a high strength product is required.
2. Typical applications include: bonding of sensitive electronic components and sub-assemblies.

Packing

310 ml/pipe, 25 pipe/package;
 400ml/sausage, 20 sausage/package;
 250 KG/drum, etc.

Storage and transportation

1. Avoid light and heat, keep ventilation and dry (could be transported and stored as non-dangerous goods)
2. The shelf life would be 10 months in 25°C.

Operation process

1. Clean the surface: clean the surface of adherend or coated object, remove rust, dirt and greasy dirt, etc.
2. Sizing: use knife to cut the head of plastic pipe, put on long nose, extrude the adhesive on clean surface, and fix the adherend.
3. Curing: put the adhesive units in the air, and it could be used after 24 hour curing at room temperature.
4. Notes: Seal and store the remaining sealant immediately after use. Remove the crust on the head when using again, which would not affect normal working.