GUAN HENG
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FLUOROSILICONE ENCAPSULANT

Product Information:

The product is a fluorosilicone geltin that comes in dual-component forms. The mixing ratio for the dual-component type is 1:1. It generates no by-products and is non-corrosive during the vulcanization process. It can adhere to common engineering plastics and other substrates, exhibiting excellent electrical properties and outstanding resistance to high and low temperatures (-65~200°C). It can be used for covering and pouring encapsulation of electronic components to protect them from oil, oil vapor, chemical solvents, acids, alkalis, and other corrosive substances.

Application:

Sealing and protection of electronic circuits, sealing and protection of small machinery, etc.

Items	Index	
	AFS® -POS-2100	AFS® -POS-2200
Appearance	Semitransparent, colorless or white	Colorless or white
Mixing Ratio	1:1	1:1
Viscosity (mPa.s)	500-2000	500-2000
Operable Time (room temperature)	2 hours	2 hours
Hardness (Shore A)	0-10	0-10

How To Use:

1. Clean up the oil stains and other contaminants on the surface of the device.

2. The two-component fluorosilicone potting adhesive has a mixing ratio of 1:1 by weight.

3. Application process: Fill the fluorosilicone potting geltin into the components that need to be protected. Place it in a vacuum system for degassing at room temperature. If time permits, the material can be allowed to degas naturally without using the vacuum system. After degassing is completed, bake the material for 10 minutes at 150°C to complete the curing process. The curing temperature and time can be adjusted according to specific working conditions.

Attention:

1. Once configured, the fluorosilicone potting adhesive should be used promptly, preferably not overnight.

2. Avoid contact with amines, organotin, and sulfur-containing compounds, as they may lead to invalidity.

Package:

Packed in plastic drums, 1kg, 10kg, 50kg per drum.

Storage:

Shall be stored in a cool and dry environment, with a shelf life of one year.

Transportation:

Transport this product as non-hazardous materials.