



Zhaoshun Technology(Guangdong) Co.,Ltd.

PRODUCT INTRODUCTION

ZS-NJ-D955

1. Product features

ZS-NJ-D955 is one kind of Low viscosity one-component silicone conformal coating which is room temperature curing. This product has the following features:

- 1、 After cured forms a tough and durable surface;
- 2、 Room temperature curing, accelerated curing after solvent evaporation heat (advice curing temperature ≤ 60 °C);
- 3、 Can UV indicator check whether the cover is complete.

2. The typical use

Cover protection of thick film circuit, porous substrate and printed circuit board etc.

3. The technology parameters

Before the curing	Appearance	Transparent or translucent flow
	tack—free time (min)	≤ 10
	viscosity (cps)	900~1000
	NVC(%)	75
	viscosity (cps)	70~90
	NVC(%)	50
	Relative density (g/cm ³)	1.05~1.15
After the	Hardness(Shore A)	78~88

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curing	Tensile strength (MPa)	≥2.5
	Break elongation (%)	≥50
	Volume resistivity ($\Omega \cdot \text{cm}$)	≥ 2.5×10^{13}
	Dielectric strength (KV/·mm)	≥13
	Dielectric constant(100KHZ)	≤2.5

The above performance data are measured at 25 ° C, relative humidity of 55% ,cured after 7days, Data caused by the different test conditions or product improvement , The company does not bear any relevant responsibility.

4. Instructions

- 1). Surface cleaning:cleaning the sticklied and coated surface,remove the rust,dirt and oil.
- 2). Brush the glue: Can choose spray, flow coating, dip, brush in any one of the way, use before the application test, to more convenient use..
- 3).Curing: put the glued or sealed parts in the air and let it be natural cured. It's one curing process that cured from the surface to the internal, in less than 24 hours (at room temperature and 55% relative humidity) glue curing depth of 1 ~ 3 mm, if the sizing location more deeper, in particular, which is not easily accessible to the air, then the fully curing time will be extended, if the temperature is low, the curing time will be extended too, so It is recommended that this product be used in thin layers .

5. Note

After Operating, unused glue must be sealed and stored , and tighten the cap immediately,. if the seal has a little crust when use it in the next time, remove it and it will not affect the normal use. During the storage process, the canal orifices may

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appear a small amount of the curing phenomenon, cleared it and it can use it again, and no affection to the product performance. A small amount of precipitation may occur in the storage process. Shake well before use without affecting product performance.

6. PACKAGING SPECIFICATIONS

1 kg/can ;18kg/pail .Can also be agreed upon according to user needs.

7. Storage and transportation

1, The product must be stored in a cool, dry environment below 25 °C, can be storage below 25 °C for six months.

2, Such products are non-dangerous goods, can be transported as common chemicals. Be careful during transport and prevent the leakage.

3, Should be recognized before being used with or without abnormal if the products exceeding retention period.

8. Statement

This article contains a variety of data are for reference only ,and we sure that is reliable. For anyone to adopt the way in which we can't control the result, we will not be responsible for.

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