

## PRODUCT INTRODUCTION

### ZS-NJ-D952L

#### 1. Features

1. It can be cured at room temperature, and the curing can be accelerated at 60°C or higher to shorten the curing time;
2. Use as a printable and coatable gel to replace the finished heat dissipation gasket;
3. After curing, it forms a soft thermally conductive gel, which can conduct heat, relieve stress and reduce shock;
4. It can resist humidity and other harsh environments without cracking and sag;
5. Low content of volatile substances.

#### 2. The typical use

- 1) Thermal interface material for smart phone CPU and memory chip.
- 2) It is prepared into various thicknesses and shapes by dispensing or screen printing to realize the conventional thermal management of PCB system components.

#### 3. Tech.Data

Item		Text Index
Uncured	Appearance	Light Red
	Molding life (min, 100°C)	50-70
	Molding time (hr, 60°C)	≥4
Cured	Hardness(shore 00)	67-77
	Thermal conductivity[W/ (m·K) ]	≥2.0
	Dielectric strength (kV/mm)	≥13
	Tensile Strength (MPa)	≥0.25
	Volume Resistivity (Ω·cm)	≥1.0×10 <sup>13</sup>
	Specific Gravity(g/cm <sup>3</sup> )	2.65-2.85
	Elongation (%)	≥50

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## **Zhaoshun Technology(Guangdong) Co.,Ltd.**

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The above performance data are all measured after baking in an oven at 100°C for 60 minutes. The company is not responsible for differences in data caused by different test conditions or product improvements.

#### **4.Operation**

1. Clean the surface: Before use, remove the dust, moisture (moisture), and oil on the surface of the object to be coated, and keep it dry, and remove rust, dust and oil.
2. It can be prepared into various thicknesses and shapes by dispensing or screen printing, and it can be cured in just 8 hours at 60°C. To speed up the curing speed, a higher curing temperature can be used. For example, this material can be cured in only 60 minutes at 100°C.

#### **5. Note**

After the glue is applied, the unused glue should be tightened immediately and sealed for storage.

#### **6. Packing, Storage and transportation**

- 1.This product provides a variety of packaging, can be customized according to customer requirements.
- 2.Nine months in a cool and dry environment below -20°C, the product beyond the shelf life should be confirmed to be normal before use
- 3.Such products are non-dangerous goods and can be transported as general chemicals. Be careful of leakage during transportation!

#### **7.Suggestions and statement**

Suggest users to do the applicability test before the formal use of this product. Due to the diversity of practical application, we won't c responsibility for the problems in special conditions of use about our products. We are not responsible for any direct, indirect or accidental damage. But users can contact my company's after-sales service when you have any problem in the using process, and we will try to help you.

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