

成都拓利化工实业有限公司

Chengdu TALY Chemical Industrial CO., Ltd.

PRODUCT INFORMATION

Product name: Mono-Component Room Temperature Curing Silicon Rubber

Product number: TLD-716

PROPERTIES

TLD-716 is a mono-component room temperature curing liquid silicon rubber, can cure at room temperature upon exposure to moisture. After cured, TLD-716 can use chronically in -60~+200℃.

TLD-716 has excellent electric insulated properties, chemical resistance, and excellent adhesion to many plastics, metals, glass and rubbers.

TLD-716 is no corrosive (but copper).

APPLICATION

TLD-716 can use widely in electronic equipment and apparatus as sealant and adhesive.

TYPICAL PROPERTIES

No		Property	Unit	Value
Before cured	1	Appearance	/	Black paste
	2	Tack free time (25℃, 60±10 %)	min	10-15
	3	Liquidity	mm/3g	Non flowing
	4	Cuing time (25℃, 60±10 %)	h	24
After cured	5	Hardness	Shore A	25-35
	6	Tensile strength	Mpa	1.2
	7	Elongation at break	%	180
	8	Shear strength	MPa	1.1
	9	Volume resistivity	Ω·cm	1×10^{13}
	10	Dissipation factor	(1MHz)	2.6×10^{-3}
	11	Dielectric Constant	(1MHz)	3.0
	12	Dielectric strength	kv/mm	17

HOW TO USE

1. Clean and dry all surface with volatile solvents such as ethanol or acetone.
2. Squeeze TLD-716 from the soft tubes or plastic cartridges to the surface. When contacting the moisture in air, TLD-716 begins curing from the surface into the inside to form elastomer.
3. The thicker the sealant is, the longer the cure time will be.
4. The higher the temperature and humidity of the air, the quicker curing time will be.
5. After use, keep tube or plastic cartridges tightly closed to avoid contacting with moisture
6. For automatic production line, pneumatic point gum machine may be used to enhance productivity.

PACKAGE, STORAGE AND TRANSPORTATION

- 1 TLD-716 is packed in clean, sealed and dry metallic soft tubes or plastic cartridges with 45ml/tube, 100ml/tube and 300ml/ plastic cartridges. Larger package may be negotiated.

- 2 During storage and transportation, keep the product dry, sunshine proof and rain proof. Storage time is 12 months. If time expires, it can be used when inspection proves it to be qualified.
- 3 For storage and transportation, Regulations on Non-Hazardous Articles are applicable。

Notes

- The above-printed information is deemed to be reliable by our company. The data in the description is not the standard value. The contents, product property and specifications are subject to change without notice.
- Our company only guarantees that the product is in compliance with the specifications. The users are advised to make tests before using this product in order to determine whether this product is suitable for the intended application because different conditions for use, different ways of storage and transportation and the different operating processes are out of our control.
- Part of the property parameters can be especially adjusted as per the customer's requirement. For adjustment, please contact our Marketing Department.
- Our organic silicon products are developed for use in general electronic industry. If other applications are intended, tests must be done to comply with the requirement according to legal rules.
- For further information about this product, please contact our Marketing Department.

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