

MacSoon JS270

product description

JS277 Suitable for permanent locking and sealing of threaded fasteners. The product cures between two tightly mating metal surfaces in an air-free environment, preventing loosening and leakage caused by impact and vibration. Typical applications include large bolts (M10 and larger).

Main features

1. High strength, locally heated to 250°, can be disassembled normally with the help of tools
2. The curing speed is fast, the initial curing is 30min, and the complete curing is 72 hours
3. It has thixotropy, and the glue is well shaped after application
4. Cold and heat resistant, working temperature range -75~200°C
5. Waterproof and oil resistant, it also has a good locking effect on oily screws, and is acid resistant.

apply

- 1 . Bolts are used to secure pumps, motor mounts, transmissions and vehicles
- 2 . Screw fixing in factory machinery maintenance
- 3 . The engine and compressor are bolted together during assembly
- 4 . Fixing of threaded fasteners during maintenance or assembly of other equipment

Before curing	
surface	Liquid flows have fluorescence
pigment	red
Solidification type	Anaerobic or promoter
Weight 25°C (g/ml)	1.12
Viscosity (25°C, 20rpm) cps	6,000 to 8,000
intensity	high strength

Typical performance

welding	
Initial setting time (min) (23°C,50%)	20-30
Fully cured time (h) (23°C,50%)	72

After curing, the performance is one week later	
Destructive torque ISO10964 M10 steel bolts and nuts	32N·M
Average disassembly torque ISO10964 M10 steel bolts and nuts	32N·M
Loosening torque ISO10964 preload torque to 5 N·M M10 steel bolts and nuts	38N·M
Maximum average disassembly torque, ISO 10964, preload torque to 5 N·m: M10 steel bolt and nut	40N·M
Tensile shear strength, ISO 10123: Steel shaft and sleeve	$\geq 9\text{N/MM}^2$

* The test was carried out according to the Everwell laboratory test method

* The experimental data is for reference only and cannot be used as technical specifications

definition

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Operation and safety

In the process of use, it is necessary to adopt appropriate toxicity safety protection measures, and use in a well-ventilated area.

Shelf life and storage

At or below 25°C, the shelf life in the original packaging container is 12 months from the date of production.

matters need attention	preventive measure	emergency treatment
<ol style="list-style-type: none">1. For industrial use only2. The product has not been validated and is not recommended for use in medical and pharmaceutical applications.3. Do not use this product beyond its application scope, otherwise the user shall bear all consequences.	<ol style="list-style-type: none">1. Use appropriate protective eye, gas mask and gloves.2. Use under appropriate ventilation system to ensure effective discharge of harmful gases.3. After use, wash your hands and face carefully and effectively.4. Keep it out of reach of children5. Store in a cool, dark and dry place	<ol style="list-style-type: none">1. Inhalation: Transfer to fresh air area and seek medical attention immediately.2. Eye contact: rinse with clean water immediately for at least 15 minutes and seek medical attention immediately.3. Skin contact: rinse with water and soap immediately for at least 15 minutes, and seek medical attention immediately.4. Ingestion: induce vomiting and seek medical attention immediately.5. refer to MSDS