



TECHNICAL DATA SHEET 产品说明书

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PRODUCT NAME: AN271

DESCRIPTION

AN271 is a high strength, anaerobic thread locking compound. It is designed for the permanent locking of threaded fasteners. The product performs on aluminum, steel, plated fasteners, stainless steel, and special alloy parts. AN271 exhibits good temperature stability and is solvent resistant.

Typical Applications

AN271 will lock and seal large fasteners. It is used in applications where shock and vibration may cause the fastener to loosen.

Instructions for Use

Ensure parts are clean, dry and free from oil and grease.

Technical Features

Chemical Type	Anaerobic
Color:	Red
Toxicity	Low
Solids	100%
Viscosity:	400-600 cps
Specific Gravity	1.10

Cured Performance

Fixture Time	15-20 min @ 72oF
Full Cure Time	24 hrs @ 72oF
Temperature Range	-60oF to 300oF(-51oC to 150oC)

Environmental and Fluid Resistance

(Shear strength values after 1,000 hours.)

	Typical Values
Heat age @ 150°C	100%
Engine oil @ 150°C	80%
Brake fluid @ 150°C	90%
ATF @ 150°C	90%
50/50 water/ethylene glycol @ 120°C	85%
Water @ 100°C	85%
Gasoline @ 25°C	100%
Diesel fuel @ 25°C	100%
Ethyl Alcohol @25°C	95%

Storage

Product should be stored in a cool and dry location at temperatures between 14 °F (-10 °C) to 86 °F (30 °C). Shelf life is 2 years from date of manufacture when stored at 72±8 °F (22±4 °C).

Note

The details shown are based on our current knowledge and are not intended to guarantee any definite properties. It is the user's responsibility to establish the suitability of the information given with the intended use of the product.