

Palm Labs Adhesives TURBO-LOCK SERIES 11 Anaerobic Thread Locking Compound

Category : Polymer , Adhesive , Thermoset , Methacrylate , Methacrylate Adhesive

Material Notes:

TURBO-LOCK 11 SERIES is a fast curing, BLUE, removable, medium strength, general purpose anaerobic thread-locking compound for bonding and sealing threads. It is highly resistance to heat, vibrations, water, gases, oils, hydrocarbons and many chemicals. Disassembles with hand tools. Applications: Ideal for thread locking plated parts, vibration or moving components. Ideal for fasteners between up to ¾" (up to 20 mm) diameters. Locks and seals threaded joints-nuts, screws, and studs. Meets 90% of all nut and bolt thread locking applications. Meets Military specifications: MIL-S-46163 Part Numbers for this data: 11-000, 11-001, 11-010, 11-050, 11-250, 11-1000 Information provided by Palm Laboratories Adhesives

Order this product through the following link:

http://www.lookpolymers.com/polymer_Palm-Labs-Adhesives-TURBO-LOCK-SERIES-11-Anaerobic-Thread-Locking-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.07 g/cc	1.07 g/cc	
Brookfield Viscosity	1200 cP	1200 cP	RVT Spindle 3 @ 20 rpm

Thermal Properties	Metric	English	Comments
CTE, linear	0.800 µm/m-°C	0.444 µin/in-°F	ASTM D696
Specific Heat Capacity	0.300 J/g-°C	0.0717 BTU/lb-°F	
Thermal Conductivity	0.100 W/m-K	0.694 BTU-in/hr-ft²-°F	ASTM C177
Flash Point	>= 37.8 °C	>= 100 °F	

Processing Properties	Metric	English	Comments
Cure Time	60.0 - 180 min	1.00 - 3.00 hour	Functional
	1440 min	24.0 hour	Full
	10.0 min	0.167 hour	Handling
	@Temperature -55.0 - 150 °C	@Temperature -67.0 - 302 °F	
Shelf Life	24.0 Month	24.0 Month	

Descriptive Properties	Value	Comments
Appearance	Blue	
Chemical Resistance	100% Initial Strength Retained	Acetone at 22°C, at 500hrs

Descriptive Properties	100% Initial Strength Retained Value	Ethanol at 22°C, at 500hrs Comments
	100% Initial Strength Retained	Motor Oil at 125°C, at 500hrs
	100% Initial Strength Retained	Gasoline at 22°C, at 500hrs
	100% Initial Strength Retained	Brake Fluid at 22°C, at 500hrs
	100% Initial Strength Retained	Ethanol at 22°C, at 1000hrs
	100% Initial Strength Retained	Motor Oil at 125°C, at 1000hrs
	100% Initial Strength Retained	Brake Fluid at 22°C, at 1000hrs
	80% Initial Strength Retained	Water/Glycol at 87°C, at 1000hrs
	85% Initial Strength Retained	Acetone at 22°C, at 1000hrs
	90% Initial Strength Retained	Water/Glycol at 87°C, at 500hrs
	95% Initial Strength Retained	Gasoline at 22°C, at 1000hrs
Composition	Methacrylate Ester	
Max Screw Size	3/4" / 20mm	
Torque	1-4 N.m	Prevail, 3/8 x 16 zinc nuts and bolts N.m, ISO 10964
	1-5 N.m	Prevail, 3/8 x 16 cadmium nuts and bolts N.m, ISO 10964
	1-7 N.m	Breakaway, 3/8 x 16 cadmium nuts and bolts N.m, ISO 10964
	2-7 N.m	Breakaway, 3/8 x 16 zinc nuts and bolts N.m, ISO 10964
	3-7 N.m	Prevail, 3/8 x 16 steel nuts and bolts N.m, ISO 10964
	8-17 N.m	Breakaway, 3/8 x 16 steel nuts and bolts N.m, ISO 10964
	8-19 N.m	Breakaway, M10 black oxide steel nuts and bolts N.m, ISO 10964

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China