

ND Industries StudGrade® 146 Permanent StudGrade HD Threadlocker

Category : Polymer , Adhesive , Thermoset

Material Notes:

General Description High strength, high viscosity threadlockers for maximum security. Suitable for most applications where disassembly is not required. **Typical Uses** Fasteners over 1" diameter with coarse threads Meets military spec MIL-S-46163 Type I Grade L

Order this product through the following link:

http://www.lookpolymers.com/polymer_ND-Industries-StudGrade-146-Permanent-StudGrade-HD-Threadlocker.php

Physical Properties	Metric	English	Comments
Viscosity	6000 - 8000 cP	6000 - 8000 cP	

Mechanical Properties	Metric	English	Comments
Impact Test	22.6 - 33.9 J	16.7 - 25.0 ft-lb	Prevail
	28.2 - 39.5 J	20.8 - 29.2 ft-lb	Break

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	149 °C	300 °F	
Minimum Service Temperature, Air	-53.9 °C	-65.0 °F	

Processing Properties	Metric	English	Comments
Cure Time	10.0 min	0.167 hour	With Primer (Fixture)
	60.0 min	1.00 hour	On steel (fixture)
	1440 min	24.0 hour	On steel (Full)
	1440 min	24.0 hour	With Primer (Full)

Descriptive Properties	Value	Comments
Color	Red	
Gap Fill, in.	0.01	

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