

Donnelly Bros HT 500 High Temperature Mold Grease

Category : Fluid , Lubricant , Perfluoropolyether (PFPE) , PTFE Gellant

Material Notes:

White. Slight odor. Use caution when handling. Light caramel-like texture. Does not migrate, works well in constant metal temperature of 250° F to 500° F. (Note: The plastic molding material itself might be much higher temperature.)A stiff, PTFE thickened, medium viscosity, completely fluorinated grease possessing very wide temperature capability, excellent plastic and elastomer compatibility and resistance to aggressive chemicals. Information provided by Donnelly Bros. Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Donnelly-Bros-HT-500-High-Temperature-Mold-Grease.php

Physical Properties	Metric	English	Comments
Density	1.88 g/cc	0.0679 lb/in ³	ASTM D1480
Viscosity	1.70e+6 cP	1.70e+6 cP	
Viscosity Measurement	136	136	Viscosity Index; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	345 cSt	345 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	33 cSt	33 cSt	ASTM D445
Evaporation Loss	0.30 %	0.30 %	150°C; 22 hrs

Mechanical Properties	Metric	English	Comments
Penetration P(0), 1/10 mm	230	230	ASTM D217
Penetration P(60), 1/10 mm	239	239	ASTM D217
Oil Separation	3.0 %	3.0 %	150°C; 22 hrs; FTM 791B, 321.2

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	260 °C	500 °F	
Minimum Service Temperature, Air	-20.0 °C	-4.00 °F	
Pour Point	-25.0 °C	-13.0 °F	Base Oil (UniFlor 8610); ASTM D97

Descriptive Properties	Value	Comments
Appearance	Smooth	
Base Oil	UniFlor 8610	
Color	White	

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