

Donnelly Bros HT 250 High Temperature Mold Grease

Category : Fluid , Lubricant , Polyalphaolefin (PAO) , Silica Gellant

Material Notes:

Off white, smooth appearance. Works well in constant metal temperature of 200° F to 250° F. (Note: The plastic molding material itself might be >600° F.) A stiff, silica thickened, medium viscosity, synthetic hydrocarbon grease intended for mechanical components requiring a light amount of damping. Benefits include enhanced lubricity. Information provided by Donnelly Bros. Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Donnelly-Bros-HT-250-High-Temperature-Mold-Grease.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	280	280	Viscosity Index; ASTM D2270
Viscosity Measure	>= 1.00e+6 cSt @Temperature 40.0 °C	>= 1.00e+6 cSt @Temperature 104 °F	Kinematic Viscosity; ASTM D445
Kinematic Viscosity at 40°C (104°F)	5548 cSt	5548 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	525 cSt	525 cSt	ASTM D445
Evaporation Loss	0.10 %	0.10 %	100°C; 24 hrs

Mechanical Properties	Metric	English	Comments
Penetration P(0), 1/10 mm	240	240	ASTM D217
Penetration P(60), 1/10 mm	256	256	ASTM D217
Oil Separation	0.60 %	0.60 %	100°C; 24 hrs; FTM 791B, 321.2

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	120 °C	248 °F	
Minimum Service Temperature, Air	-30.0 °C	-22.0 °F	
Pour Point	-30.0 °C	-22.0 °F	ASTM D97
Flash Point	>= 200 °C	>= 392 °F	Base Oil (Synthetic Oil 274); ASTM D92
Dropping Point	>= 260 °C	>= 500 °F	Non-melting; ASTM D2265

Descriptive Properties	Value	Comments
Appearance	Smooth	
Base Oil	Synthetic Oil 274	

Color Descriptive Properties	Off White Value	Comments
NLGI Grade	2-3	ASTM D217

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