



DONNELLY BROS INC

Suppling your Molding needs

A stiff, silica thickened, medium viscosity, synthetic hydrocarbon grease intended for mechanical components requiring a light amount of damping. Benefits include enhanced lubricity.

HT 250 High Temperature Grease

Lubricant Properties			Typical Value	Test Method
Recommended Service Range (°C)			- 30 to 120	
Thickener			Silica	
Type			PAO	
Base Oil (Synthetic Oil 274)	Kinematic Viscosity cSt (mm ² /s)	100°C	525	ASTM D-445
		40°C	5,548	
		-40°C	> 1,000,000	
	Viscosity Index		280	ASTM D-2270
	Flash Point (°C)		> 200	ASTM D-92
Pour Point (°C)		- 30	ASTM D-97	
Typical Properties of the Grease				
Color, Appearance			Off-White, Smooth	ASTM D-217
Penetration 1/10 mm	Unworked		240	
	Worked	60 X	256	
		10,000 X	-	
		100,000 X	-	
NLGI Grade		2 - 3		
Density	gm/cc	25°C	-	ASTM D-1480
Dropping Point (°C)			> 260 Non-Melting	ASTM D-2265
Oil Separation	24 hours	100°C	0.6 %	FTM 791B, 321.2
Evaporation	24 hours	100°C	0.1 %	ASTM D-972
Water Washout	60 minutes	40°C	-	ASTM D-1264
Copper Corrosion	24 hours	100°C	-	ASTM D-4048
4 Ball Wear	60 min., 1200 RPM 40 kg. load	75°C	-	ASTM D-2266
		150°C	-	
Low Temperature Torque (-40°C) gm-cm	Starting Torque		-	ASTM D-1478
	Running Torque	10 minutes	-	
	Running Torque	60 minutes	-	
Oxidative Stability	100 hours	100°C	-	ASTM D-942
Bearing Rust Test			-	ASTM D-1743
Apparent Viscosity			-	

The typical properties shown on this product data sheet should not be used as a basis for preparing specifications. Refer to our product Material Safety Data Sheet for detailed safety information. (0212)