BASF Pluracol® 380 Specialty Polyol

Category : Fluid

Material Notes:

Description: Pluracol® 380 polyol is a high molecular weight, primary hydroxyl terminated triol. The combination of high molecular weight and reactivity makes Pluracol 380 useful in the preparation of elastomers and HR molded foams. Pluracol 380 has been formulated with a specialty inhibitor package which is not recommended for flexible slabstock foam production.Information provided by BASF

Order this product through the following link:
http://www.lookpolymers.com/polymer_BASF-Pluracol-380-Specialty-Polyol.php

Physical Properties	Metric	English	Comments
Density	0.989 g/cc @Temperature 60.0 °C	0.0357 lb/in³ @Temperature 140 °F	
	1.01 g/cc @Temperature 37.8 °C	0.0365 lb/in³ @Temperature 100 °F	
	1.02 g/cc @Temperature 25.0 °C	0.0368 lb/in³ @Temperature 77.0 °F	
Viscosity	375 cP @Temperature 60.0 °C	375 cP @Temperature 140 °F	
	790 cP @Temperature 37.8 °C	790 cP @Temperature 100 °F	
	1370 cP @Temperature 25.0 °C	1370 cP @Temperature 77.0 °F	
Molecular Weight	6500 g/mol	6500 g/mol	

Thermal Properties	Metric	English	Comments
Specific Heat Capacity	1.16 J/g-°C	0.277 BTU/lb-°F	
Thermal Conductivity	0.125 W/m-K	0.868 BTU-in/hr-ft²-°F	

Chemical Properties	Metric	English	Comments
Total Acid Number	<= 0.010	<= 0.010	STI 3063/3161

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.050 %	<= 0.050 %	STI 3062

Descriptive Properties	Value	Comments
Color	<30	APHA, STI 3057
	Clear Liquid	
Composition	Na & K	<5 ppm, STI 3038
Hydroxyl Number	24 - 26 mg KOH/g	STI 3007/3162
Unsaturation	<0.074 meq/g	STI 3056

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