

BASF Pluracol® 1538 Slabstock Foam Polyol

Category : Fluid

Material Notes:

Description: Pluracol® 1538 polyol is intended for the production of Visco-Elastic foam typically formulated with another base product such as Pluracol 593 polyol. The combination of these two immiscible polyols provide a unique technology foundation in the manufacture of ViscoElastic foams intended for bedding, pillow, and seating applications. Pluracol 1538 polyol is a nominal 3000 MW product with a light EO cap. This product contains a LVI inhibitor package. Information provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Pluracol-1538-Slabstock-Foam-Polyol.php

Physical Properties	Metric	English	Comments
Density	0.989 g/cc	0.0357 lb/in ³	
	@Temperature 54.5 °C	@Temperature 130 °F	
	1.00 g/cc	0.0361 lb/in ³	
	@Temperature 37.8 °C	@Temperature 100 °F	
	1.01 g/cc	0.0365 lb/in ³	
	@Temperature 21.1 °C	@Temperature 70.0 °F	
Viscosity	250 cP	250 cP	
	@Temperature 54.5 °C	@Temperature 130 °F	
	300 cP	300 cP	
	@Temperature 37.8 °C	@Temperature 100 °F	
	700 cP	700 cP	
	@Temperature 21.1 °C	@Temperature 70.0 °F	
Molecular Weight	3000 g/mol	3000 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-ft ² -°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

Processing Properties	Metric	English	Comments
Descriptive Properties		Value	Comments
Color		Clear Liquid	
Hydroxyl Number		56.0 mg KOH/g	STI 3007/3162

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