

BASF Pluracol® 1421 Molded Foam Polyol

Category : Fluid

Material Notes:

Description: Pluracol® 1421 polyol is a high molecular weight triol which was developed for use in high resiliency molded foam formulations. Used in combination with graft polyols, such as Pluracol 973, it gives good processability even in low-density, high water formulations which can meet automotive seating requirements. Pluracol 1421 is less reactive than Pluracol 945 and more reactive than Pluracol 538. Information provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Pluracol-1421-Molded-Foam-Polyol.php

Physical Properties	Metric	English	Comments
Density	0.992 g/cc	0.0358 lb/in ³	
	@Temperature 54.4 °C	@Temperature 130 °F	
	1.00 g/cc	0.0361 lb/in ³	
	@Temperature 43.3 °C	@Temperature 110 °F	
	1.02 g/cc	0.0368 lb/in ³	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Viscosity	225 cP	225 cP	
	@Temperature 54.4 °C	@Temperature 130 °F	
	350 cP	350 cP	
	@Temperature 43.3 °C	@Temperature 110 °F	
	900 cP	900 cP	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Molecular Weight	4800 g/mol	4800 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	<= 0.030	<= 0.030	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	<30		APHA, STI 3057
	Clear Liquid		
Composition	Na & K		<5 ppm, STI 3038
Hydroxyl Number	34 - 36 mg KOH/g		STI 3007/3162
Unsaturation	<0.054 meq/g		STI 3056

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