

BASF Pluracol® 2097 Molded Foam Polyol

Category : Fluid

Material Notes:

Description: Pluracol® 2097 polyol is a high molecular weight triol developed for the manufacture of high resiliency molded foams, one-shot semi-flexible and microcellular foams. HR foams made with Pluracol 2097 in combination with graft polyols, such as Pluracol 4830, process well and are easily crushed. Pluracol 2097 is less reactive than either Pluracol 816 or Pluracol 945. Information provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Pluracol-2097-Molded-Foam-Polyol.php

Physical Properties	Metric	English	Comments
Density	0.990 g/cc	0.0358 lb/in ³	
	@Temperature 55.0 °C	@Temperature 131 °F	
	0.999 g/cc	0.0361 lb/in ³	
	@Temperature 40.0 °C	@Temperature 104 °F	
	1.01 g/cc	0.0365 lb/in ³	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Viscosity	210 cP	210 cP	
	@Temperature 55.0 °C	@Temperature 131 °F	
	400 cP	400 cP	
	@Temperature 40.0 °C	@Temperature 104 °F	
	840 cP	840 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	<= 0.010	<= 0.010	STI 3063/3161

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

Descriptive Properties	Value	Comments
Color	<50	APHA, STI 3057
	Clear Liquid	
Composition	Na & K	<5 ppm, STI 3038
Hydroxyl Number	34 - 36 mg KOH/g	STI 3007/3162
Unsaturation	<0.06 meq/g	STI 3056

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