

BASF Pluracol® 4156 Slabstock Foam Polyol

Category : Fluid

Material Notes:

Description: Pluracol® 4156 polyol is a 56 hydroxyl number (nominal 3000 molecular weight) polyether triol capable of producing a broad range of flexible slabstock polyurethane foams for furniture, bedding and carpet underlay applications. This polyol has been formulated with a low volatile inhibitor package designed for either conventional curing or mechanical forced air curing. Pluracol 4156 provides a consistent processing profile on trough and fallplate machines. Information provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Pluracol-4156-Slabstock-Foam-Polyol.php

Physical Properties	Metric	English	Comments
Density	1.00 g/cc	0.0361 lb/in ³	
	@Temperature 45.0 °C	@Temperature 113 °F	
	1.01 g/cc	0.0365 lb/in ³	
	@Temperature 35.0 °C	@Temperature 95.0 °F	
	1.02 g/cc	0.0368 lb/in ³	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Viscosity	210 cP	210 cP	
	@Temperature 45.0 °C	@Temperature 113 °F	
	355 cP	355 cP	
	@Temperature 35.0 °C	@Temperature 95.0 °F	
	582 cP	582 cP	
	@Temperature 25.0 °C	@Temperature 77.0 °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	54.5 - 57.5 mg KOH/g		STI 3007/3162

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