

BASF Pluracol® 4650 Graft Slabstock Foam Polyol

Category : Fluid

Material Notes:

Description: Pluracol® 4650 polyol is a secondary hydroxyl-terminated graft polyether triol containing approximately 44% solids of copolymerized styrene and acrylonitrile. This polyol has been formulated with a low volatile inhibitor package designed for either conventional curing or mechanical forced-air curing. This high solids graft polyol can be used to manufacture flexible slabstock foam having maximum load-bearing properties. It can be used alone for maximum effect or in combination with conventional polyols. Major applications for Pluracol 4650 include foams for prime carpet cushion, furniture seating and packaging. This polyol is a highly filtered version of Pluracol P4600. Information provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Pluracol-4650-Graft-Slabstock-Foam-Polyol.php

Physical Properties	Metric	English	Comments
Density	1.00 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	2160 cP	2160 cP	
	@Temperature 40.0 °C	@Temperature 104 °F	
	4340 cP	4340 cP	
	@Temperature 25.0 °C	@Temperature 77.0 °F	

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	<= 0.015	<= 0.015	STI 3063/3161

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

Descriptive Properties	Value	Comments
Color	White, Opaque Liquid	
Hydroxyl Number		STI 3007/3162

Descriptive Properties	27 - 31 mg KOH/g Value	Comments
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