

**BASF Pluracol® 4850 Slabstock HR & Molded Graft Polyol**

Category : Fluid

**Material Notes:**

Description: Pluracol® 4850 polyol is a primary hydroxyl-terminated graft polyether triol containing approximately 32% solids of copolymerized styrene and acrylonitrile, utilizing a LVI inhibitor package. Pluracol 4850 can be used in combination with Pluracol 2100 to produce HR slabstock foams having a narrow spread in cross-sectional density and IFD properties and allows foam manufacturers to adjust the solids levels to specific formulations. Broad processing latitude permits the manufacture of a wide variety of high resilient foams. Pluracol 4850 polyol can also be used in molded foam applications. Information provided by BASF

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Pluracol-4850-Slabstock-HR-Molded-Graft-Polyol.php](http://www.lookpolymers.com/polymer_BASF-Pluracol-4850-Slabstock-HR-Molded-Graft-Polyol.php)

Physical Properties	Metric	English	Comments
Density	1.03 g/cc	0.0372 lb/in <sup>3</sup>	
	@Temperature 40.0 °C	@Temperature 104 °F	
	1.04 g/cc	0.0376 lb/in <sup>3</sup>	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Viscosity	1620 cP	1620 cP	
	@Temperature 40.0 °C	@Temperature 104 °F	
	2950 cP	2950 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 <sup>2</sup> -°F	

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

Descriptive Properties	Value	Comments
Color	Creamy, Opaque Liquid	
Hydroxyl Number	23 - 26 mg KOH/g	STI 3007/3162

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