

## BASF Pluracol® 945 Molded Foam Polyol

Category : Fluid

### Material Notes:

Description: Pluracol® 945 polyol is a high molecular weight polyol for use in high water, low-density automotive seating foams where a high degree of foam stability is required. In combination with graft polyols, such as Pluracol 973, Pluracol 945 produces molded foams from high-water, low-density formulations. These foams are less susceptible to mold leakage, voiding and basal cells than foams produced with other polyols, but do require crushing to prevent shrinkage. Pluracol 945 is more reactive than either Pluracol 816 or Pluracol 538. Information provided by BASF

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Pluracol-945-Molded-Foam-Polyol.php](http://www.lookpolymers.com/polymer_BASF-Pluracol-945-Molded-Foam-Polyol.php)

Physical Properties	Metric	English	Comments
Density	1.00 g/cc	0.0361 lb/in <sup>3</sup>	
	@Temperature 48.9 °C	@Temperature 120 °F	
	1.01 g/cc	0.0365 lb/in <sup>3</sup>	
	@Temperature 37.8 °C	@Temperature 100 °F	
	1.02 g/cc	0.0368 lb/in <sup>3</sup>	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Viscosity	270 cP	270 cP	
	@Temperature 48.9 °C	@Temperature 120 °F	
	370 cP	370 cP	
	@Temperature 37.8 °C	@Temperature 100 °F	
	850 cP	850 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	

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	<30	APHA, STI 3057
	Clear Liquid	
Composition	Na & K	<5 ppm, STI 3038
Hydroxyl Number	34 - 36 mg KOH/g	STI 3007/3162
Unsaturation	<0.05 meq/g	STI 3056

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China