

BASF Pluracol® 593 Specialty Polyol

Category : Fluid

Material Notes:

Description: Pluracol® 593 polyol is a 3650 molecular weight polyol containing a high proportion of ethylene oxide in the polyol chain.

Pluracol 593 can be used in the formulation for hydrophillic flexible slabstock foams. Pluracol 593 is incompatible with other slab polyols and will separate from other polyols unless continuously agitated. Information provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Pluracol-593-Specialty-Polyol.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in ³	
	@Temperature 65.6 °C	@Temperature 150 °F	
	1.08 g/cc	0.0390 lb/in ³	
	@Temperature 43.3 °C	@Temperature 110 °F	
	1.09 g/cc	0.0394 lb/in ³	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Viscosity	183 cP	183 cP	
	@Temperature 65.6 °C	@Temperature 150 °F	
	400 cP	400 cP	
	@Temperature 43.4 °C	@Temperature 110 °F	
	1340 cP	1340 cP	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Molecular Weight	3650 g/mol	3650 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	<30	APHA, STI 3057
	Water White Liquid	
Composition	Na & K	<5 ppm, STI 3038
Hydroxyl Number	44.0 - 47 mg KOH/g	STI 3007/3162
Unsaturation	<0.09 meq/g	STI 3056

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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