

BASF Pluracol® TP 440 Specialty Polyol

Category : Fluid

Material Notes:

Description: Pluracol® TP polyols are a series of four tri-functional polyols formed by adding propylene oxide to a trimethylol propane nucleus. All Pluracol TP polyols are used in flexible and rigid polyurethane foams, coatings, adhesives, sealants and elastomers. Various members may be used in the preparation of prepolymers as cross-linking agents or as polyol reactants in one-shot systems. Information provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Pluracol-TP-440-Specialty-Polyol.php

Physical Properties	Metric	English	Comments
Density	1.00 g/cc	0.0361 lb/in ³	
	@Temperature 60.0 °C	@Temperature 140 °F	
	1.02 g/cc	0.0368 lb/in ³	
	@Temperature 37.8 °C	@Temperature 100 °F	
	1.03 g/cc	0.0372 lb/in ³	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Viscosity	58 cP	58 cP	
	@Temperature 60.0 °C	@Temperature 140 °F	
	230 cP	230 cP	
	@Temperature 37.8 °C	@Temperature 100 °F	
	600 cP	600 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	<= 0.030	<= 0.030	STI 3063/3161

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

Descriptive Properties	Value	Comments
Composition	Na & K	<10 ppm, STI 3038
Hydroxyl Number	383 - 413 mg KOH/g	STI 3007/3162

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