

BASF Pluracol® GP 730 Specialty Polyol

Category : Fluid

Material Notes:

Description: Pluracol® GP polyols are a series of four trifunctional polyols formed by adding propylene oxide to a glycerine nucleus. All Pluracol GP polyols are used in the preparation of polyurethane coatings, elastomers, adhesives and sealants. Pluracol 1135i and 726 are also used in the preparation of flexible polyurethane foams. Information provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Pluracol-GP-730-Specialty-Polyol.php

Physical Properties	Metric	English	Comments
Density	1.02 g/cc	0.0368 lb/in ³	
	@Temperature 48.9 °C	@Temperature 120 °F	
	1.03 g/cc	0.0372 lb/in ³	
	@Temperature 37.8 °C	@Temperature 100 °F	
	1.04 g/cc	0.0376 lb/in ³	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Viscosity	78 cP	78 cP	
	@Temperature 48.9 °C	@Temperature 120 °F	
	140 cP	140 cP	
	@Temperature 37.8 °C	@Temperature 100 °F	
	270 cP	270 cP	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Molecular Weight	700 g/mol	700 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	<= 0.045	<= 0.045	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	222 - 237 mg KOH/g	STI 3007/3162

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