

BASF Pluracol® 1062 Specialty Polyol

Category : Fluid

Material Notes:

Description: Pluracol® 1062 polyol is a high molecular weight, primary hydroxyl terminated diol used in the manufacture of polyurethane shoe soles and fascia products. Pluracol 1062 can also be used to manufacture a variety of sealants and elastomers. Information provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Pluracol-1062-Specialty-Polyol.php

Physical Properties	Metric	English	Comments
Density	0.933 g/cc	0.0337 lb/in ³	
	@Temperature 60.0 °C	@Temperature 140 °F	
	1.01 g/cc	0.0365 lb/in ³	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
	1.01 g/cc	0.0365 lb/in ³	
	@Temperature 40.0 °C	@Temperature 104 °F	
Viscosity	195 cP	195 cP	
	@Temperature 60.0 °C	@Temperature 140 °F	
	450 cP	450 cP	
	@Temperature 40.0 °C	@Temperature 104 °F	
	840 cP	840 cP	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Molecular Weight	4000 g/mol	4000 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	<40	APHA, STI 3057
	Clear Liquid	
Composition	Na & K	<5 ppm, STI 3038
Hydroxyl Number	28.0 - 30.0 mg KOH/g	STI 3007/3162
Unsaturation	<0.065 meq/g	STI 3056

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