

## BASF Pluracol® 220 Specialty Polyol

Category : Fluid

### Material Notes:

Description: Pluracol® 220 polyol is a high molecular weight, primary hydroxyl terminated polyol used in polyurethane elastomer and sealant formulations. Information provided by BASF

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Pluracol-220-Specialty-Polyol.php](http://www.lookpolymers.com/polymer_BASF-Pluracol-220-Specialty-Polyol.php)

Physical Properties	Metric	English	Comments
Density	0.980 g/cc	0.0354 lb/in <sup>3</sup>	
	@Temperature 60.0 °C	@Temperature 140 °F	
	0.985 g/cc	0.0356 lb/in <sup>3</sup>	
	@Temperature 50.0 °C	@Temperature 122 °F	
	1.00 g/cc	0.0361 lb/in <sup>3</sup>	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Viscosity	330 cP	330 cP	
	@Temperature 60.0 °C	@Temperature 140 °F	
	480 cP	480 cP	
	@Temperature 50.0 °C	@Temperature 122 °F	
	1300 cP	1300 cP	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Molecular Weight	6000 g/mol	6000 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 <sup>2</sup> -°F	

Chemical Properties	Metric	English	Comments
Total Acid Number	<= 0.060	<= 0.060	STI 3063/3161

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.040 %	<= 0.040 %	STI 3062

Descriptive Properties	Value	Comments
Color	<40	APHA, STI 3057
	Clear Liquid	
Composition	Na & K	<8 ppm, STI 3038
Hydroxyl Number	25.6 - 27.6 mg KOH/g	STI 3007/3162
Unsaturation	<0.11 meq/g	STI 3056

## Contact Songhan Plastic Technology Co.,Ltd.

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