

## BASF Pluracol® 2090 Specialty Polyol

Category : Fluid

**Material Notes:**

Description: Pluracol® 2090 polyol is a high molecular weight, primary hydroxyl terminated triol. The combination of high molecular weight and reactivity makes Pluracol 2090 useful in the preparation of flexible molded foams. Pluracol 2090 has been formulated with a specialty inhibitor package which is not recommended for flexible slabstock foam production. Information provided by BASF

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Pluracol-2090-Specialty-Polyol.php](http://www.lookpolymers.com/polymer_BASF-Pluracol-2090-Specialty-Polyol.php)

Physical Properties	Metric	English	Comments
Density	0.993 g/cc	0.0359 lb/in <sup>3</sup>	
	@Temperature 60.0 °C	@Temperature 140 °F	
	1.01 g/cc	0.0365 lb/in <sup>3</sup>	
	@Temperature 37.8 °C	@Temperature 100 °F	
	1.02 g/cc	0.0368 lb/in <sup>3</sup>	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Viscosity	280 cP	280 cP	
	@Temperature 60.0 °C	@Temperature 140 °F	
	570 cP	570 cP	
	@Temperature 37.8 °C	@Temperature 100 °F	
	950 cP	950 cP	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Molecular Weight	5500 g/mol	5500 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	<= 0.010	<= 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
	Clear Liquid	
Composition	Na & K	<5 ppm, STI 3038
Hydroxyl Number	26 - 30 mg KOH/g	STI 3007/3162

## Contact Songhan Plastic Technology Co.,Ltd.

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