

## BASF Pluracol® 1603 Molded Foam Polyol

Category : Fluid

### Material Notes:

Description: Pluracol® 1603 polyol is a primary hydroxyl terminated polyether polyol containing an LVI inhibitor package making it ideal for molded seating foam applications. It has an actual functionality of 3.0. The high functionality and high primary content provide fast demold times and excellent stability in high water formulations. It can be used with Pluracol 1528FF graft polyol to formulate flexible foams with a wide range of hardnesses and densities. Information provided by BASF

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Pluracol-1603-Molded-Foam-Polyol.php](http://www.lookpolymers.com/polymer_BASF-Pluracol-1603-Molded-Foam-Polyol.php)

Physical Properties	Metric	English	Comments
Density	1.00 g/cc	0.0361 lb/in <sup>3</sup>	
	@Temperature 55.0 °C	@Temperature 131 °F	
	1.01 g/cc	0.0365 lb/in <sup>3</sup>	
	@Temperature 40.0 °C	@Temperature 104 °F	
	1.02 g/cc	0.0368 lb/in <sup>3</sup>	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Viscosity	285 cP	285 cP	
	@Temperature 55.0 °C	@Temperature 131 °F	
	550 cP	550 cP	
	@Temperature 40.0 °C	@Temperature 104 °F	
	1202 cP	1202 cP	
	@Temperature 25.0 °C	@Temperature 77.0 °F	

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

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.070 %	<= 0.070 %	STI 3062

Descriptive Properties	Value	Comments
Color	<30	APHA, STI 3057
	Clear Liquid	
Composition	Na & K	<11 ppm, STI 3038

Descriptive Properties	Value	Comments
Hydroxyl Number	29-33 mg KOH/g	STI 30073162
Unsaturation	<0.07 meq/g	STI 3056

## Contact Songhan Plastic Technology Co.,Ltd.

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