

BASF Pluracol® 1044 Specialty Polyol

Category : Fluid

Material Notes:

Description: Pluracol® P polyols are a series of five polypropylene glycols formed by adding propylene oxide to a propylene glycol nucleus. Pluracol P1010, P2010 and 1044 (formerly P4010) are used in the preparation of polyurethane foams, adhesives, coatings, elastomers and sealants. Pluracol P410R and P710R are used in the preparation of one and two component polyurethane coatings, adhesives and elastomers. Information provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Pluracol-1044-Specialty-Polyol.php

Physical Properties	Metric	English	Comments
Density	0.966 g/cc	0.0349 lb/in ³	
	@Temperature 60.0 °C	@Temperature 140 °F	
	0.987 g/cc	0.0357 lb/in ³	
	@Temperature 37.8 °C	@Temperature 100 °F	
	0.999 g/cc	0.0361 lb/in ³	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Viscosity	169 cP	169 cP	
	@Temperature 60.0 °C	@Temperature 140 °F	
	425 cP	425 cP	
	@Temperature 37.8 °C	@Temperature 100 °F	
	790 cP	790 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

Processing Properties	Metric	English	Comments
Descriptive Properties	Value		Comments
Color	<30		APHA, STI 3057
Composition	Na & K		<5 ppm, STI 3038
Hydroxyl Number	27.5 - 30.5 mg KOH/g		STI 3007/3162
Unsaturation	<0.1 meq/g		STI 3056

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China