

BASF Pluracol® 3042 Specialty Polyol

Category : Fluid

Material Notes:

Description: Pluracol® 3042 polyol is 41 hydroxyl number (nominal 4000 molecular weight) propoxylated polyether. Information provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Pluracol-3042-Specialty-Polyol.php

Physical Properties	Metric	English	Comments
Density	0.992 g/cc	0.0358 lb/in ³	
	@Temperature 70.0 °C	@Temperature 158 °F	
	1.00 g/cc	0.0361 lb/in ³	
	@Temperature 40.0 °C	@Temperature 104 °F	
	1.01 g/cc	0.0365 lb/in ³	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Viscosity	102 cP	102 cP	
	@Temperature 70.0 °C	@Temperature 158 °F	
	322 cP	322 cP	
	@Temperature 40.0 °C	@Temperature 104 °F	
	724 cP	724 cP	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Molecular Weight	4000 g/mol	4000 g/mol	

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	<50	APHA, STI 3057
	Colorless Liquid	
Composition	Na & K	<5 ppm, STI 3038

Hydroxyl Number Descriptive Properties	39.5 - 42.5 mg KOH/g Value	STI 3007/3162 Comments
Unsaturation	<0.05 meq/g	STI 3056

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