

Dow VORANOL™ 4701 Polyether Polyol

Category : Polymer , Thermoset

Material Notes:

VORANOL™ 4701 polyether polyol is a high reactivity capped triol. Its high molecular weight and high primary hydroxyl content make it well suited for high resiliency, flexible molded foams. Information provided by Dow

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-VORANOL-4701-Polyether-Polyol.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.018 g/cc	1.018 g/cc	
Maximum Moisture Content	0.050	0.050	wt% water
ASTM Color	<= 35	<= 35	APHA

Thermal Properties	Metric	English	Comments
Specific Heat Capacity	2.08 J/g-°C	0.497 BTU/lb-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
	2.27 J/g-°C	0.543 BTU/lb-°F	
	@Temperature 60.0 °C	@Temperature 140 °F	
	2.46 J/g-°C	0.588 BTU/lb-°F	
	@Temperature 100 °C	@Temperature 212 °F	
Thermal Conductivity	0.151 W/m-K	1.04 BTU-in/hr-ft²-°F	
	0.123 W/m-K	0.852 BTU-in/hr-ft²-°F	
	@Temperature 100 °C	@Temperature 212 °F	
	0.126 W/m-K	0.875 BTU-in/hr-ft²-°F	
	@Temperature 40.0 °C	@Temperature 104 °F	
Flash Point	185 °C	365 °F	

Descriptive Properties	Value	Comments
Hydroxyl Number mg KOH/g	34	

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