

Dow SPECFLEX™ NC 630 Polyol

Category : Polymer

Material Notes:

SPECFLEX™ NC 630 polyol is a high functionality capped polyol. Its high molecular weight and primary hydroxyl content make it well suited for high resilience, flexible molded foams. CAS# 009082-00-2 026301-10-0 Information provided by Dow

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-SPECFLEX-NC-630-Polyol.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.022 g/cc	1.022 g/cc	
Viscosity Measure	80 cSt	80 cSt	
	@Temperature 98.9 °C	@Temperature 210 °F	
	600 cSt	600 cSt	
	@Temperature 37.8 °C	@Temperature 100 °F	
	1250 cSt	1250 cSt	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
	7200 cSt	7200 cSt	
	@Temperature 0.000 °C	@Temperature 32.0 °F	
Maximum Moisture Content	0.060	0.060	wt% water
Vapor Pressure	<= 0.0000133 bar	<= 0.0100 torr	

Thermal Properties	Metric	English	Comments
Specific Heat Capacity	1.84 J/g-°C	0.440 BTU/lb-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
	1.99 J/g-°C	0.476 BTU/lb-°F	
	@Temperature 60.0 °C	@Temperature 140 °F	
	2.09 J/g-°C	0.500 BTU/lb-°F	
Thermal Conductivity	@Temperature 100 °C	@Temperature 212 °F	
	0.161 W/m-K	1.12 BTU-in/hr-ft²-°F	
	0.154 W/m-K	1.07 BTU-in/hr-ft²-°F	
	@Temperature 100 °C	@Temperature 212 °F	
	0.159 W/m-K	1.10 BTU-in/hr-ft²-°F	

Thermal Properties	@Temperature 50.0 °C Metric	@Temperature 122 °F English	Comments
Flash Point	>= 204 °C	>= 399 °F	

Descriptive Properties	Value	Comments
Hydroxyl Number mg KOH/g	29 - 33	

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