

Dow SPECFLEX™ NC 700 Polyol

Category : Polymer

Material Notes:

SPECFLEX™ NC 700 polyol is a unique grafted polyether polyol containing copolymerized styrene and acrylonitrile. It is manufactured without the use of BHT and has been filtered to 200 microns. CAS# 009082-00-2 057913-80-1 Information provided by Dow

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-SPECFLEX-NC-700-Polyol.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.049 g/cc	1.049 g/cc	
Solids Content	39 - 42 %	39 - 42 %	
Viscosity	310 cP	310 cP	
	@Temperature 98.9 °C	@Temperature 210 °F	
	2360 cP	2360 cP	
	@Temperature 37.8 °C	@Temperature 100 °F	
	4810 cP	4810 cP	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
	28530 cP	28530 cP	
	@Temperature 0.000 °C	@Temperature 32.0 °F	
Maximum Moisture Content	0.070	0.070	wt% water
Vapor Pressure	<= 0.0000133 bar	<= 0.0100 torr	

Thermal Properties	Metric	English	Comments
Specific Heat Capacity	1.57 J/g-°C	0.375 BTU/lb-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
	1.72 J/g-°C	0.411 BTU/lb-°F	
	@Temperature 60.0 °C	@Temperature 140 °F	
	2.03 J/g-°C	0.485 BTU/lb-°F	
	@Temperature 100 °C	@Temperature 212 °F	
Thermal Conductivity	0.166 W/m-K	1.15 BTU-in/hr-ft²-°F	
	0.164 W/m-K	1.14 BTU-in/hr-ft²-°F	
	@Temperature 100 °C	@Temperature 212 °F	

Thermal Properties	0.165 W/m-K Metric	1.14 BTU-in/hr-ft ² -F English	Comments
	@Temperature 50.0 °C	@Temperature 122 °F	
Flash Point	>= 169 °C	>= 336 °F	

Descriptive Properties	Value	Comments
Hydroxyl Number mg KOH/g	19.5 - 23	

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