

Dow PAPI™ 94 Polymeric MDI

Category : Fluid , Polymer

Material Notes:

PAPI™ 901 polymeric MDI is a polymethylene polyphenylisocyanate that contains MDI. This products low viscosity, low functionality, increased diphenylmethane diisocyanate content and increased percentage of orthopara isomers make PAPI™ 94 polymeric MDI highly versatile. This product also offers delayed gel times, which results in better flow into molds for semi-flexible and integral skin foams. Information provided by Dow

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-PAPI-94-Polymeric-MDI.php

Physical Properties	Metric	English	Comments
Density	1.234 g/cc	0.04458 lb/in ³	
Viscosity	50 cP	50 cP	
Viscosity Measurement	<= 5.0	<= 5.0	[cps/mo.] Viscosity growth
Molecular Weight	290 g/mol	290 g/mol	
Vapor Pressure	<= 1.30e-8 bar	<= 0.00000975 torr	

Thermal Properties	Metric	English	Comments
CTE, linear	1170 µm/m-°C	648 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Specific Heat Capacity	1.80 J/g-°C	0.430 BTU/lb-°F	
Thermal Conductivity	0.126 W/m-K	0.870 BTU-in/hr-ft ² -°F	
Boiling Point	330 °C	626 °F	
Decomposition Temperature	230 °C	446 °F	
Flash Point	>= 204 °C	>= 400 °F	ASTM D93 Closed Cup

Chemical Properties	Metric	English	Comments
Acid Value	0.030	0.030	HCl content, %

Descriptive Properties	Value	Comments
NCO Content %	32	

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