

## Dow PAPI™ 95 Polymeric MDI

Category : Fluid , Polymer

### Material Notes:

PAPI™ 95 polymeric MDI is a polymethylene polyphenylisocyanate that contains MDI. This product's functionality (value of 2.4) and viscosity have been optimized by maintaining a high diphenylmethane diisocyanate content and a high percentage of ortho-para isomers to provide excellent flow ability and fast curing in a variety of polyurethane applications. This unique combination makes this product suitable for a full range of low and high density semi-flexible and semi-rigid foam applications that demand fast demold times for intricate parts.

Information provided by Dow

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dow-PAPI-95-Polymeric-MDI.php](http://www.lookpolymers.com/polymer_Dow-PAPI-95-Polymeric-MDI.php)

Physical Properties	Metric	English	Comments
Density	1.234 g/cc	0.04458 lb/in <sup>3</sup>	
Viscosity	70 cP	70 cP	
Molecular Weight	300 g/mol	300 g/mol	
Vapor Pressure	<= 1.33e-8 bar	<= 0.0000100 torr	
Storage Temperature	24.0 - 38.0 °C	75.2 - 100 °F	

Thermal Properties	Metric	English	Comments
CTE, linear	648 µm/m-°C @Temperature 20.0 °C	360 µin/in-°F @Temperature 68.0 °F	volumetric
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 <sup>2</sup> -°F	
Boiling Point	330 °C	626 °F	
Decomposition Temperature	230 °C	446 °F	
Flash Point	>= 204 °C	>= 399 °F	Closed Cup; ASTM D93

Chemical Properties	Metric	English	Comments
Acid Value	0.015	0.015	% as HCl

Descriptive Properties	Value	Comments
Isocyanate Equivalent Weight	132	
NCO Content wt%	31.8	

## Contact Songhan Plastic Technology Co.,Ltd.

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