

Dow ISONATE™ 50 O,P` Pure MDI

Category : Polymer

Material Notes:

ISONATE™ 50 O,P` is a high ortho-para MDI designed for use in polyurethane adhesives, sealants, sports flooring, coatings, electrical encapsulants and flexible molded foams. ISONATE™ 50 O,P` offers formulators a slower reactivity and increased amorphous character for improved handling and longer pot life. In prepolymer formulation, it results in lower viscosity and improve shelf stability.50% 4,4-diphenylmethane diisocyanate and 50% 2,4-diphenylmethane diisocyanateInformation provided by Dow

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-ISONATE-50-OP-Pure-MDI.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.204 g/cc	1.204 g/cc	
Density	1.20 g/cc	0.0434 lb/in ³	
Viscosity	10 cP	10 cP	
Vapor Pressure	<= 1.33e-7 bar @Temperature 43.0 °C	<= 0.000100 torr @Temperature 109 °F	

Thermal Properties	Metric	English	Comments
Specific Heat Capacity	1.80 J/g-°C	0.430 BTU/lb-°F	
Melting Point	20.0 °C	68.0 °F	
Boiling Point	314 °C	597 °F	
Decomposition Temperature	230 °C	446 °F	
Flash Point	>= 177 °C	>= 351 °F	P.M.C.C.; ASTM D93

Chemical Properties	Metric	English	Comments
Acid Value	0.0030	0.0030	% as HCl

Processing Properties	Metric	English	Comments
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Hydrolyzable Chloride ppm	18	
Isocyanate Equivalent Weight	125.5	

NCO Content wt%
Descriptive Properties

33.5
Value

Comments

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