

Evonik Corporation VESTANAT® TMDI Diisocyanate

Category : Other Engineering Material , Additive/Filler for Polymer , Polymer , Thermoset , Epoxy , Epoxy Cure Resin

Material Notes:

VESTANAT TMDI is an aliphatic diisocyanate, methyl group branched. It represents a mixture of the 2,2,4- and 2,4,4-trimethyl-hexamethylene diisocyanate (about 1:1). It is a low viscosity, colorless liquid with a weak but specific odor. It is light and weather resistant.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Evonik-Corporation-VESTANAT-TMDI-Diisocyanate.php

Physical Properties	Metric	English	Comments
Density	1.01 - 1.016 g/cc	0.0365 - 0.03671 lb/in ³	DIN 51 757
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Viscosity	5.0 - 8.0 cP	5.0 - 8.0 cP	DIN EN ISO 3219
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Vapor Pressure	0.00000270 bar	0.00203 torr	

Thermal Properties	Metric	English	Comments
Flash Point	148 °C	298 °F	closed cup; DIN 51 758

Optical Properties	Metric	English	Comments
Refractive Index	1.461	1.461	DIN 51 423, Part 2

Component Elements Properties	Metric	English	Comments
Chlorine, Cl	<= 0.0010 %	<= 0.0010 %	

Descriptive Properties	Value	Comments
Hazen Color Index, max	10	DIN ISO 6271
Ignition Temperature (°C)	440	DIN 51 794
NCO content (% wt)	39.7-40	EN ISO 11 909

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