

BASF Lupranate® T80 Toluene Diisocyanate

Category : Fluid

Material Notes:

Description: Lupranate® T80 toluene diisocyanate (TDI) is an 80% - 20% mixture of the 2,4 and 2,6 isomers of toluene diisocyanate. This product is used in the preparation of polyurethane foams, prepolymers and elastomers. Information provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Lupranate-T80-Toluene-Diisocyanate.php

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in ³	
Vapor Pressure	0.0000133 bar @Temperature 25.0 °C	0.00998 torr @Temperature 77.0 °F	

Thermal Properties	Metric	English	Comments
Melting Point	12.0 °C	53.6 °F	Freezing Point
Boiling Point	>= 120 °C @Pressure 0.0000917 MPa	>= 248 °F @Pressure 0.0133 psi	
Flash Point	132 °C	270 °F	

Descriptive Properties	Value	Comments
Acidity, as HCl	<0.003%	Type 1, as HCl, STI 8202
	0.007-0.009%	Type 2, as HCl, STI 8202
Assay	>99.5%	Type 1, STI 8207
	>99.5%	Type 2, STI 8207
Color	<15	APHA, Type 1, STI 8206
	<15	APHA, Type 1, STI 8206
Composition	Hydrolyzable Chlorine	<0.007%, Type 1, STI 8203
	Hydrolyzable Chlorine	0.008-0.012%, Type 2, STI 8203
Isomer Ratio	19-21%	-2,6, Type 1, STI 8207
	19-21%	-2,6, Type 2, STI 8207
	79-81%	-2,4, Type 1, STI 8207

Descriptive Properties	79.81% Value	-2.4 Type 2, STI 8207 Comments
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