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## Typical Product Specifications & Properties

# Toluene Diisocyanate

CAS Number: : 584-84-9

Specifications	Limits
Density	1.22 (2515.5 c)
Vapor Density	6.0
Assay %	99.7 Min
C <sub>2</sub> H <sub>5</sub> NaO	As HCL : Type 1(A) : 0.002 to 0.004 Type 2(B) :
Color (Pt-Co scale)	15 Max
Dropping Point	484°F ( 251°C)
Solubility test (10 grams in 80 gram Ipopropyl Alcohol)	Reacts with water. Soluble in most organic solvents
Specific Gravity (20°C)	1.22 approx (@ 25°C)
Odor	Sharp odor
Isocynate Equivalent Weight	87
Auto Ignition Temp	> 600°C
Vapor Pressure (mm Hg)	(@ 25°C) : 0.02



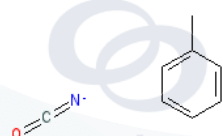
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Specifications	Limits
Flash Point COC °C	270 °F (132°C)
Viscosity	@ 25°C ( 77°F) cps : 3.10@ 50°C(122°F) cps : 1.7
Appearance	Clear, colorless liquid
NCO Content	Approx. 48%
Vapor Pressure	0.01 mm (20 c)
Refractive Index	1.5680
Melting Point	19.4-21.5 c
Molecular weight	174.15
Flash Point	(oc) 132 c
Boiling Point	251 c
Chemical Structure	 <p>parchem fine &amp; specialty chemicals</p>



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