

LG Chemical Toluene

Category : Fluid , Solvent

Material Notes:

Colorless liquid with benzene odor, Heavier than air and highly inflammable, and Not soluble to water, Readily soluble in alcohol and ether
Structure & Characteristics: C₆H₅CH₃. Synthesized by extraction (using solvent) followed by purification of pyrolysis gasoline evolved from NCC process. Although it is a methyl-substituted benzene, the benzene ring is susceptible to electrophilic substitution due to the electron-donating methyl branch. Its 2,4,6-trinitro derivative (TNT; tri-nitro-toluene) is a well known explosive agent.
Uses: Caprolactam, TPA, Phenol, Polyurethane Explosive
CAS: 108-88-3
 Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-Toluene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.869 - 0.873 g/cc	0.869 - 0.873 g/cc	ASTM D3505
Vapor Pressure	0.0293 bar @Temperature 20.0 Â°C	22.0 torr @Temperature 68.0 Â°F	Vapor Density=3.14

Thermal Properties	Metric	English	Comments
Melting Point	-95.0 Â°C	-139 Â°F	
Boiling Point	111 Â°C	232 Â°F	
Flash Point	4.00 Â°C	39.2 Â°F	

Descriptive Properties	Value	Comments
Autoignition Temperature	480Â°C	
Color	<2	Acid Wash Color, ASTM D848
	<20 Pt-Co	ASTM D1209
Components	N-AROMATICS	<0.5%, ASTM D2360
	SULFUR(H ₂ S,SO ₂)	<1 ppm, ASTM D853
Purity	>99.5	
Total Distillation Range	110.6C ? T 1Â°C	from IBP, ASTM D850

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