

Product: Toluene

Technical Data Sheet

Property	Unit	Specification	Test Method
Non-aromatics	Vol %	Max 1.5	ASTM D2360
Acid Wash Color		Max 2	ASTM D848
Copper Corrosion		Pass (1A or 1B)	ASTM D849
Appearance		Clear liquid & free of sediment and haze when observed at 18.3 - 25.6 °C.	Visual
Color (Pt - Co)		Max 20	ASTM D1209
Distillation - IBP - DP	°C	1 °C max including 110.6 °C	ASTM D 850
Specific Gravity (15.56/15.56 °C)		0.8690 - 0.8730	ASTM D891
Benzene	Wt %	Max 0.100	ASTM D2360
Purity	Wt %	Min 98.50	ASTM D2360

Description

Toluene, also known as methylbenzene, phenylmethane, is a clear colourless liquid, with a distinct aromatic odour. It is sparingly soluble in water but immiscible with alcohols and most organic solvents.

Manufacturing of Chemicals

Toluene is used as a raw material to produce benzene by dealkylation process, xylenes by disproportionation, toluene diisocyanate (TDI), TNT, phenol and caprolactam.

Coatings and Inks

Solvent is used widely in nitrocellulose lacquers, varnish, paints, enamels due to its high solvency power. Toluene is also used in the manufacture of adhesives and printing inks.

Manufacturing of Adhesives

As solvents in the component for adhesives production.

Pharmaceuticals

Provides extraction function in pharmaceutical industries.

Other Applications

Used as octane booster in gasoline. Solvent for synthetic resin, PVC.

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