

# TENRYU (THAILAND) CO., LTD.

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## SALES SPECIFICATIONS

**Product** : Toluene  
**Spec. No.** : 01-001-0  
**Effective Date** : 1 April 2018

### Description

Toluene is a clear, colourless, aromatic hydrocarbon liquid of characteristic odour

### Specification

<u>Properties</u>	<u>Unit</u>	<u>Test Method</u>	<u>Value</u>
Purity	% m/m	GC	99.5 min
Color (Pt-Cobalt)		ASTM D1209	20 max
Density @ 20°C	g/ml	ASTM D4052	0.865 – 0.871
Distillation, IBP	°C	ASTM D1078	1.0 max
Distillation, DP	°C	ASTM D1078	Including 110.6 +/- 0.1 °C
Non-aromatics	% wt	ASTM D2360	1.5 max

### Typical Properties

<u>Properties</u>	<u>Unit</u>	<u>Test Method</u>	<u>Value</u>
Benzene Content	% wt	ASTM D2360	0.1 max
SG @ 15/4 °C		ASTM D4052	0.870 - 0.872
Water Content	% m/m	ASTM D1364	0.05 max

### Application

Toluene is a good solvent for gums, both natural and synthetic resins, greases and other natural products. Toluene is not a solvent for cellulose esters, but solutions of the latter in most solvents will usually tolerate the addition of a greater proportion of toluene than of any other Toluene is a good solvent for gums, both natural and synthetic resins, greases and other natural products. Toluene is not a solvent for cellulose esters, but solutions of the latter in most solvents will usually tolerate the addition of a greater proportion of toluene than of any other hydrocarbon solvent. Toluene is very widely used in paints, including nitrocellulose lacquers, varnishes and enamels and also in the manufacture of adhesives and printing inks. Toluene is also used as a solvent in the chemical and pharmaceutical industries, manufacture, among the most important end products being toluene diisocyanate (TDI), TNT, benzoic acid phenol and toluidines for the dye industry.

**Note** : The Company reserves the right to change the information contained herein without notice.