

TECHNICAL BROCHURE
N° 552800

CHEMICALS

AROMATIC AND ALICYCLIC SOLVENTS

ORTHOXYLENE

Orthoxylene is obtained by a catalytic process from a light hydrocarbon stream and removed by distillation from their isomers. Its molecular structure consists of a benzene ring with two methyl groups attached next to each other.

APPLICATION

Orthoxylene is used in the synthesis of phthalic anhydrides, dyes, medicines, PVC plasticizers. It is also used to make polyester and alkyd resins, insecticides, automotive fuels, etc.

SPECIFICATIONS

Analysis	Specifications	Methods
Appearance	Clear liquid, free from sediments	Visual
Density at 15 °C (g/ml)	0.8820-0.8850	ASTM D4052
Distillation range (°C)	max. 2 (incl. 144.4 °C)	ASTM D850
Colour (Pt/Co scale)	max. 20	ASTM D1209 / ASTM D5386
Acidity	Neutral	ASTM D847
Non aromatics + Aromatics C9+ (wt %)	max. 1.5	INS_-0011949
O + M + P-xylenes + Ethyl benzene + Toluene (wt %)	min. 98.5	INS_-0011949

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This information is offered in good faith and meant only as a guide. The transformer or user will be, in each case, responsible for the processing conditions and the final use of the product. Freedom under patents, copyright and registered designs cannot be assumed.

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Purity (wt %)	min. 98.0	INS_-0011949
Styrene (mg/kg)	max. 500	INS_-0011949

NOTE: product without antistatic additives (typical conductivity < 25 pS/m).