

PARA-XYLENE

Chemical Name: PARA-xylene

Synonyms: dimethyl benzene; xilol; methyl toluene.

Family: hydrocarbon

Chemical Formula: C₆H₄(CH₃)₂

Composition: p-xileno: 99,7%

N° CAS: 1330-20-7

N° ONU: 1307

Risk Class: 3

Risk #: 30 – Flammable liquid

Basic Petrochemicals Specification:

	Unit	Value	Method
Purity	% wt	99.7 min	ASTM-D-3798
Color (Pt/Co)	-	5.0 max	ASTM-D-1209
Non aromatics	% wt	0.1 max	ASTM-D-3798
Density (20/4 °C)	-	0.1 máx	ASTM-D-4052
Sulphur compounds (H ₂ S/SO ₂)	-	Absent	ASTM-D-853
Toluene	% wt	0.1 max	ASTM-D-3798
Appearance	-	Clear liquid and free of sediments (transparent)	JSR-A-9801
Benzene	% wt	0.05 max	ASTM-D-3798
Meta-xylene	% wt	0.30 max	ASTM-D-3798
Orto-xylene	% wt	0.15 max	ASTM-D-3798
Ethyl-benzene	% wt	0.15 max	ASTM-D-3798
Bromine index	-	200 max	ASTM-D-2710
Distillation range (5 to 97% vol)	°C	1 °C max including 138.3° C	ASTM-D-850
Mercaptans	-	Absent	ASTM-D-4952 UOP-041
Total Sulphur	Mg/kg	1.0 max	ASTM-D-5453 ASTM-D-6667
Chloride	Mg/kg	10.0 max	ASTM-D-5808