

**Technical Data Sheet**

**Paraxylene**

Paraxylene, one of the isomers of xylene, has a transparent structure of two methyls (CH<sub>3</sub>) symmetrically attached to a benzene ring (C<sub>6</sub>H<sub>6</sub>). It is a volatile, colorless liquid with a sweet smell.

**Applications:**

It is used in the production of dimethyl terephthalate DMT and terephthalic acid PTA (for the production of polyesters and synthetic fibers), vitamins, medicinal compounds and pesticides.

Properties	Value	Units	Test Method
Purity	99.7 min	Wt%	ASTM D 3798-89
Non aromatics	0.2 max	Wt%	ASTM D 3798-89
m-Xylene	0.3 max	Wt%	ASTM D 3798-89
o-Xylene	0.1max	Wt%	ASTM D 3798-89
Ethylbenzene	0.5 max	Wt%	ASTM D 3798-89
Toluene	0.1 max	Wt%	ASTM D 3798-89
Appearance	Clear liquid free of sedimentation or haze at 18.3 to 25.6 °c		VISUAL
Color, Pt-co scale	20 max		ASTM D 1209-84
Distillation range °c at 760 mm Hg	20 max including 138.3		ASTM D 850-79
Total Sulfur	1.0 max	Wt ppm	ASTM D 4045-87
Specific Gravity at 15.56/15.56 °c	0.865 - 0.867	°c	ASTM D 4052-86
Vapor Pressure	0.3	psi	ASTM D 323-99A