Technical Data Sheet

Mixed Xylene

A highly volatile and colorless liquid, Mixed Xylene has a transparent structure of two methyls (CH3) attached to a benzene ring (C6H6). Depending on the position of the methyl component, Xylene has three isomers; ortho, meta and paraxylene. The industry term for the three as well as ethylbenzene is Mixed Xylene.

Applications:

Mixed Xylene is used as solvent for paint and pesticide. It is also a raw material for orthoxylene (Phthalic Anhydride), metaxylene (isophthalic acid), paraxylene (terephthalic acid) and ethylbenzene (styrene monomer).
Solvent Grade MX: Primarily used as raw material for dye, organic pigment, perfume, plasticizer, medicines, etc., and as general solvents for paint, agricultural pesticide, medicines, etc. Isomer Grade MX: Used as raw material for producing each o-, m-, p-Xylene product. O-Xylene product is produced through distillation using b.p, whereas m- and p-Xylene products are manufactured through the adsorption equipment given the similar differences in b.p between the two.

Properties	Value	Units	Test Method
Non aromatics	3.0 max	Wt%	ASTM D 2360-00
Distillation range	10.0 max	°c at 760 mm Hg	ASTM D 850-00
Initial Boiling point	135 min	°c at 760 mm Hg	ASTM D 850-00
Dry point	145 max	°c at 760 mm Hg	ASTM D 850-00
Appearance	Clear liquid free of sedimentation or haze	at 18.3 to 25.6 °c	VISUAL
Copper corrosion	pass (1a to 1b)	---	ASTM D 849-97
Color	20 max	Pt-co scale	ASTM D 1209-00
Acid wash color	6 max	---	ASTM D 848-97
Acidity	None detected	---	ASTM D 847-96
Specific Gravity at 15.56/15.56 °c	0.865 - 0.877	gr/cm3	ASTM D 4052-96
SO2 / H2S	None detected	---	ASTM D 853-97
Vapor Pressure	0.1	psi	ASTM D 323-99A

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