

## Para Xylene

#	Property	Units	Test Method	Value
1	Para-Xylene	Wt%	ASTM D-3798	99.7 min
2	Non-Aromatics	Wt%	ASTM D-3798	0.01 max
3	Benzene+Toluene	Wt%	ASTM D-3798	0.01 max
4	Ethyl Benzene	Wt%	ASTM D-3798	0.13 max
5	Ortho-Xylene	Wt%	ASTM D-3798	0.05 max
6	Mixed-Xylene	Wt%	ASTM D-3798	0.1 max
7	Total Sulphur	Ppm	ASTM D-4045	1.0 max
8	Total Chloride	Ppm	ASTM D-4929	1.0 max
9	Acid wash color	--	ASTM D-848	1.0 max
10	So <sub>2</sub> /H <sub>2</sub> S content	--	ASTM D-853	Free of So <sub>2</sub> /H <sub>2</sub> S
11	Distillation range	Centigrade	ASTM D-850	1.0 max
12	Color (Pt-Co) scale	--	ASTM D-1209	10.0 max
13	Sp-Gr	--	ASTM D-3505	0.858-875
14	Appearance	--	Visual	Clear

## Mixed Xylene

#	Property	Units	Test Method	Value
1	Appearance	--	Visual	Clear
2	Density @ (15.6 0C)	gr/cm <sup>3</sup>	ASTM D-4052	To be reported
3	Color ,Pt-Co Scale	--	ASTM D-1209	10 max
4	Acid wash color	---	ASTM D-848	2 max
5	Acidity	mgr NaOH/100ml	ASTM D-847	No free Acid
6	Copper Corrosion	---	ASTM D-849	No.1a
7	H <sub>2</sub> S & So <sub>2</sub> Content	--	ASTM D-853	Free of (H <sub>2</sub> S/So <sub>2</sub> )
8	Distillation Range@760 mmHg	0C	ASTM D-850	5 max
9	I.B.P	0C	ASTM D-850	137 min
10	D.P	0C	ASTM D-850	143 max
11	Para-Xylene	Wt%	ASTM D-2306	16 min
12	Ortho-Xylene	Wt%	ASTM D-2306	16 min
13	Ethyl Benzene	Wt%	ASTM D-2306	18.5 max
14	Metha Xylene	Wt%	ASTM D-2360	49 max
15	Benzene	Wt%	ASTM D-2360	0.005 max
16	Toluene	Wt%	ASTM D-2360	0.04 max
17	C9 Aromatics	Wt%	ASTM D-2360	0.5 max
18	Non Aromatics	Wt%	ASTM D-2360	0.1 max
19	Total Sulphur	wt.ppm	UOP 727	1 max
20	Total Chlorides	Wt.ppm	IP-AK/81	1 max
21	Bromine Index	mgr /100gr	IP-129(modified)	20 max

## O Xylene

No.	Typical Test	Unit	Specification	Test Method
1	Purity	Wt %	98.5 Min	ASTM D2306
2	Non- Aromatics	Wt %	0.3 Max	ASTM D2306
3	Bzn+C9 & Heavier Aromatics	Wt %	1.0 Max	ASTM D2306
4	Total C8 Aromatics + Toluene+ Ethyl Benzene	Wt %	98.5 Min	ASTM D2306
5	Distillation Range at 760 mmhg	°C	2.0 Max Including 144.4	ASTM D850
6	Total Sulfur	ppm	1.0 Max	ASTM D5453
7	Color (Pt-CO) scale	-	20.0 Max	ASTM D1209
8	Acidity	-	None detected	ASTM D847
9	Hydrocarbon residue after evaporation	ppm wt	20 Max	ASTM D1353
10	SO2/H2S Content	-	None detected	ASTM D853

## Benzene

PROPERTIES	TEST METHOD	UNIT	SPECIFICATIONS
Purity	D-4492	Wt%	99.8 Min.
Toluene	D-4492	Wt%	0.050 Max.
Non Aromatics	D-4492	Wt%	0.1 Max.
Density at 15.6 °C	D-4052	---	0.882-0.886
Appearance	Visual	---	Clear, free of haze/sediment
Color Pt-Co Scale	D-1209	---	20 Max.
Acid Wash Color	D-848	---	1 Max.
Acidity	D-847	mg NaOH/100ml	No free acid
Copper Corrosion	D-849	---	Pass 1 A
Total Sulfur	D-5453	Wt PPM	1 Max.
H2S and SO2 Content	D-853	---	Free of H2S/SO2
Distillation Range @ 760mm Hg	D-850	°C	1.0 Max. (Including 80.1)
Solidification Point	D-852	°C	5.45 Min.
Water Content	E-1064	Wt PPM	800 Max.
Thiophene	D-1685	Wt PPM	1.0 Max.
Combined Nitrogen	D-6069	Wt PPM	0.1 Max.