

SPECIFICATION OF MIXED AROMATIC

SPECIFICATION ITEM	TEST METHOD	SPECIFICATION	TEST RESULTS REFERENCE
API Gravity@60F	ASTM D4052	Report As It	43.8
Density@15 Deg C (g/cm ³)	ASTM D4052	Max 0.815	0.807
Bromine Index (g/100g)	ASTM D1159	Report As It	2.4
Existent Gums, Unwashed, mg/100ml	ASTM D381	Max 1	0.5
Research Octane Number	ASTM D2699	Min 98	101.2
Copper Corrosion, 3 hrs at 50 Deg C	ASTM D130	Report As It	1a
Doctor Test	ASTM D4952	Report As It	Negative
Dry Vapor Pressure Equivalent at 37.8°C, kPa	ASTM D5191	Max 55	30.3
Distillation IBP, Deg C	ASTM D86	Max 65	46.3
Distillation 5%, Deg C 5%	ASTM D86	Report As It	67.0
Distillation 10%, Deg C 10%	ASTM D86	Report As It	78.1
Distillation 50%, Deg C 50%	ASTM D86	Report As It	160.9
Distillation 90%, Deg C 90%	ASTM D86	Report As It	165.9
Distillation FBP, Deg C	ASTM D86	Max 191	175.4
Sulfur, mg/kg	ASTM D5453	Max 10	<1.0
Appearance	ASTM D4176	Bright and Clear	Bright and Clear
Color Saybolt	ASTM D156	Report As It	+30
Moisture, mg/kg	ASTM D6304	Report As It	79
Total Aromatic Content, vol%	UOP 744	Min 65	67.6
Total Xylenes, vol%	UOP 744	Report As It	1.62
Toluene, vol%	UOP 744	Report As It	0.18
Styrene, vol%	UOP 744	Report As It	<0.01
Ethyl Benzene, vol%	UOP 744	Report As It	0.06
Benzene, vol%	UOP 744	Max 1.0	<0.01
Tri-Methylbenzene, vol%	UOP 744	Report As It	36.5
Methyl Ethyl benzene, vol%	UOP 744	Report As It	21.8

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