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STANDARD SPECIFICATION OF BENZENE OCTANE 87

PROPERTIES	UNIT	RESULT	TEST METHOD
Density @ 15 °C	Kg/m ³	740 – 750	ASTM D1298
Distillation	—	—	—
10% Evaporation	°C	65 max	ASTM D86
50% Evaporation	°C	110 max	ASTM D86
90% Evaporation	°C	150 max	ASTM D86
FBP	°C	205 max	ASTM D86
Residue	Vol%	2 max	ASTM D86
Loss	Vol%	Report	ASTM D86
Total Sulphur	ppm	100 max	ASTM D1266
Corrosion 3hrs @ 100 °C	—	1a	ASTM D130
Vapor pressure, Reid @ 37.8 °C	kpi	51.5	ASTM D323
Gum Content (Air jet)	Mg/100ml	4 max	ASTM D381
Induction Period @ 100 °C	mins	480 min	ASTM D525
Benzene	Vol%	1 max	GC
Aromatic	Vol%	22 max	GC or D1319
Olefin	Vol%	15 max	GC or D1319
Octane Number (Research)	—	87 min	ASTM D2699
Mercaptan Content	ppm	5 max	ASTM D3227
MTBE	Vol%	15 max	—
Oxygen Content	Wt%	0	—