



EASTERN REFINERY LIMITED

SPECIFICATION OF MOTOR GASOLINE - PREMIUM

(AS APPROVED BY BSTI (REVISED ON MARCH, 2002))

MOTOR GASOLINE - PREMIUM

S N	TESTS	METHOD	LIMIT
1	Density at 15° C, kg/L	ASTM 1298	To be reported
2	Color, Visual	-----	Red
3	Reid Vapor Pressure at 38° C, psi	ASTM D 323	Max. 10
4	Copper Strip Corrosion (3 hours at 50° C)	ASTM D 130	Max No. 1
5	Octane Number, Research Method	ASTM D 2699	Min. 95
6	Lead content (as pb), g/L	ASTM D 2599/ ASTM D 3341	Max. 0.013
7	Oxidation Stability, minutes	ASTM D 525	Min. 240
8	Residue on evaporation, mg/100mL	ASTM D 381	Max. 4
9	Sulphur, total, % mass	ASTM D 1266/ ASTM D 4294	Max. 0.1
10	Doctor Test or Sulphur Mercaptan, % mass	ASTM D 4952/ ASTM D 3227/ IP 104	Negative Max. 0.001
11	Distillation : Initial Boiling Point, °C 10% vol. recovery, °C 50% vol. recovery, °C 90% vol. recovery, °C Final Boiling Point, °C Residue, % vol.	ASTM D 86	To be reported Max. 75 Min. 80 Max. 125 Max. 180 Max. 210 Max. 2

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