

SPECIFICATION FOR UNLEADED PETROL (P-011) - 90 OCTANE

Property/Test	Test	Method	Specifications
	IP	ASTM-D	
Appearance			Clear & free from water and impurities
Density @15 0 C kg/m ³	160	1298	725- 785
Reid Vapour Pressure @37.8 0 C (100 0 F)	69	323/5193	35-70 kpa** (5.0 - 10psi)
Marketing Colour			Pink
Octane Number (RON)	237	2699	Min 90
(RON+MON)/2		2700/2699	Min 89
Distillation	123	86	
IBP o C			To be reported
10% Vol. Evaporated 0 C			45-70
50% Vol. Evaporated 0 C			80-125
70% Vol. Evaporated 0 C			Max 188
90% Vol. Evaporated 0 C			Max 215
Res %			Mx 2.0
Doctor Test	30	4952	Sweet or less than 15ppm RSH
Total Sulphur content %wt	107/243	1266	Max 0.10
Lead content Pb mg/l	224	3341/3237	Max 13 ppm
Existent gum mg/100ml			Max 5
Oxygenate content Vol %			Max 15
Ind period @ 100 0 C			Min 480 Minutes
Cu Strip corrosion 3 hrs @ 50 0 C			Max 188
Benzene % vol			Max 8.0