



Unleaded Regular Gasoline

Vapour Pressure	kpa	–
Sulphur Total (max)	Mass %	0.1
Induction Period@100c	Minute	480
Metallic lead (mix)	g/L	0.013
Octane Number (Research) (min)	–	90
Mercaptan Content	Mass %	0.0005
Color	–	Red



Motor Gasoline Specification						
Test	Analysis	Unit	Limit		Test Method	
			Min	Max	Astm	En
1	Density @ 15.0 °c	Kg/m3	720	775	D1298/D4052	ISO 3675
2	Research Octane Number (See Note1) PREMIUM	-	95	-	D2699	ISO 12185
3	Motor Octane Number PREMIUM	-	85	-	D2700	ISO 5164
4	Reid Vapor Pressure(See Note2)	-	-	-	See Note 3	ISO 5163
4-1	Spring	KPA	50	62	D323	-
4-2	Summer	KPA	45	60	D323	-
4-3	Fall	KPA	50	65	D323	-
4-4	Winter	KPA	60	70	D323	-
5	Distillation@760 mmHg:(See Note2)	% V/V	-	-	D 86	ISO 3405
5-1	Evaporated at70°C (Spring,Summer,Fall)	% V/V	20	46	D 86	ISO 3405
5-2	Evaporated at70°C(Winter)	% V/V	22	46	D 86	ISO 3405
5-3	Evaporated at100°C(All Seasons)	% V/V	46	71	D 86	ISO 3405
5-4	Evaporated at150°C(All Seasons)	% V/V	75	-	D 86	ISO 3405
5-5	Final Boiling Point(All Seasons)	°C	190	215	D 86	ISO 3405
5-6	Residue (All Seasons)	% V/V	-	2	D 86	ISO 3405
6	Hydrocarbon Analysis	-	-	-	See Note4	ISO 22854
6-1	Olefins	% V/V	-	18	D6839/D5986/D1319	EN 1601
6-2	Aromatics	% V/V	-	35	D6839/D5986/D1319	EN 13132
6-3	Benzene	% V/V	-	1	D6277/D5580	-
7	Oxygen Content	% M/M	-	2.7	-	ISO 22854
8	Alcohol	% V/V	-	Nil	-	ISO 22854
9	Sulfur	mg/kg	-	50	D7039/D2622/D5453	ISO 20846
10	Lead Content	-	-	Nil	D3237/D5059	EN 237
11	Existent Gum (Washed)	Mg/100ml	-	5	D 381	-
12	Copper Corrosion(3Hours at50°C)	Scale	-	Class 1	D 130	-
13	Induction Period at 100°C	Minutes	360	-	D 525	-
14	Color-Green (Absorbance at Maximum Wave Length) (See Note5)	-	-	0.16	(SEE NOTE 6)	
15	Mn Content (See Note1)	-	-	Nil	D 3831	-
16	Fe Content (See Note 1)	-	-	Nil	D 5863	-