



Tajikistan Petroleum

Тоҷикистон Петролеум

**GASOLINE SPECIFICATION**

TEST	ANALYSIS	UNITS	LIMITS		TEST METHOD	
			MIN	MAX	ASTM	EN
1	DENSITY @ 15° C	Kg/m <sup>3</sup>	720	775	D 1298 D 4052	ISO 3675 ISO 12185
2	RESEARCH OCTANE NUMBER	PREMIUM	95		D2699	ISO 5164
3	MOTOR OCTANE NUMBER	PREMIUM	85		D2700	ISO 5163
4	REID VAPOR PRESSURE					
4.1	SPRING	KPA	50	62	D323	
4.2	SUMMER	KPA	45	60		
4.3	FALL	KPA	50	65		
4.4	WINTER	KPA	60	70		
5	DISTILLATION @ 760 mmHg	% V/V			D 86	ISO 3405
5.1	EVAPORATED AT 70 °C	% V/V	20	46		
5.2	EVAPORATED AT 70 °C (WINTER)	% V/V	22	46		
5.3	EVAPORATED AT 100 °C (ALL SEASONS)	% V/V	46	71		
5.4	EVAPORATED AT 150 °C (ALL SEASONS)	% V/V	75	-		
5.5	FINAL BOILING POINT (ALL SEASONS)	°C	190	215		
5.6	RESIDUE (ALL SEASONS)	% V/V	-	2		
6	HYDROCAROBN ANALYSIS :				D6839/D5986/ D1319 D6839/D5986/ D1319 D6277/D5580	ISO 22854 EN 1601 EN 13132
6.1	OLEFINS	% V/V		18		
6.2	AROMATICS	% V/V		35		
6.3	BENZENE	% V/V		1		
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	D 3237/ D 5059	EN 237
11	EXISTENT GUM (WASHED)	Mg/100ml		5	D 381	
12	COPPER CORROSION (3 HOURS AT 50 °C)	SCALE		CLASS I	D 130	
13	INDUCTION PERIOD AT 100 °C	MINUTES	360		D 525	
14	COLOR – GREEN (ABSORBANCE AT MAXIMUM WAVE LENGTH)			0.16		
15	Mn CONTENT			NIL	D 3831	
16	Fe CONTENT			NIL	D 5863	

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