UNLEADED MOTOR GASOLINE
TŞ 05766698-28-2016

№	Indicator name	Value for grades		
		A-80	A-92	A-95
1	Octane number, not less than: - by the motor method - - according to the research method	 76,0 80,0	 82,5 92,0	 85,0 95,0
2	The concentration of actual resins, mg per 100 cm3 of gasoline, no more than	5,0		
3	Gasoline induction period, minutes, not less than	360		
4	Mass fraction of sulfur,%, no more than	0,1	0,05	
5	Copper plate test	Withstands		
6	Color	From colorless to yellow		
7	Density at kg/m^3, 20^{0}C	Not standardized, definition is required		
8	Saturated gasoline vapor pressure, kPa	35-70		
9	Fractional composition: - temperature of the beginning of distillation, 0C, not lower than Distillation limits, ^{0}C, not higher: - 10% - summer period - 10% - winter period - 50% -90% - end of boiling, ^{0}C, not higher - fraction of the remainder in the flask,%, (by volume), no more - remainder and losses,%, (by volume), no more	 35 80 75 120 190 215 2 4		
10	Steam plug index, no more than: - summer period - - winter period	 950 1250		
11	Acidity, mg KOH per 100 cm3, no more than	3,0		
12	Mass fraction of mercaptan sulfur,%, no more than	Not standardized	0,001	
13	Content of water-soluble acids and alkalis	Absence		
14	Content of mechanical impurities and water	Absence		

Notes:

1. Automobile gasolines intended for long-term storage (5 years) in the State Reserve and the Ministry of Defense must have an induction period of at least 1200 minutes.
2. Summer period - from April 1 to October 1
   Winter period - from October 1 to April 1