

AUTOMOBILE UNLEADED GASOLINE

TDS -603- 2002

#	Name of indicator			
		A-80	A-92	A-95
1	Octane number, not less than: - As per motor method; - As per research method	76,0 80,0	82,5 92,0	85,0 95,0
2	Concentration of actual resins, mg/100 cm ³ of gasoline, not more	5,0		
3	Induction period of gasoline in min., not less than	360		
4	Mass portion of sulfur, %, not more	0,1	0,05	
5	Copper strip test	Gets through		
6	Colour	Colorless or pallor-yellow		
7	Density at 20 °C, kg/m ³	It is not normalized		
8	Saturated Vapor Pressure kPa	35-70		
9	Fraction composition: - Temperature of the distillation start, °C, not below than - Limits of distillations, °C not higher than - 10 % - in summer period; - 10 % in winter period - 50 % - 90% - The end of boiling, not higher than - Residue in flask, %, not more than - Residue or losses, %, not more	35 80 75 120 190 215 2 4		
10	Index of Vaporous cork, not more than Summer period Winter period	950 1250		
11	Acidity, mg KOH for 100 cm ³ , not more	3,0		
12	Mass portion of mercaptan (sour) sulfur, in %, not more than	It is not normalized	0,001	
13	Content of water soluble acids and alkalis	Not present		
14	Content of mechanical impurities	Not present		

- Summer period from 1 st April to 1 st October
- Winter period from 1 st October to 1 April