

Gasoline 92 Unlead

AI-92-K5

QUALITY SPECIFICATIONS			
PROPERTY	LIMITS by TR TS 013/2011	LIMITS by GOST 32513-2013	TEST METHOD
Sulphur content, mg/kg	max 10	max 10	GOST ISO 20884
Benzene content, %	max 1	max 1	GOST 32507
Concentration of ferrum, mg/dm ³	absence	absence	GOST 32514
Concentration of manganese, mg/dm ³	absence	absence	GOST R 51925
Lead content, mg/dm ³	absence	absence	GOST EN 237
Oxygen content, %	max 2,7	max 2,7	GOST EN 13132
Hydrocarbons content, %:			GOST 32507
olefins	max 18,0	max 18,0	
aromatics	max 35,0	max 35,0	
Motor Octane Number (MON)	min 76,0	min 83,0	GOST 32340
Research Octane Number (RON)	min 80,0	min 92,0	GOST 32339
Saturated vapour pressure, kPa	35,0 - 80,0	35,0 - 80,0	GOST 1756
Oxygenates content, %			GOST EN 13132
methanol	absence	absence	
ethanol	max 5,0	max 5,0	
isopropanol	max 10,0	max 10,0	
tertbutanol	max 7,0	max 7,0	
isobutanol	max 10,0	max 10,0	
ethers (5 or more C atoms)	max 15,0	max 15,0	
other oxygenates (with end boiling point not above than 210°C)	max 10,0	max 10,0	
Monomethylaniline content, % (vol.)	absence	absence	GOST 32515
Density at 15°C , kg/m ³	-	725,0 - 780,0	GOST R 51069
Gum content (solved washed), mg/dm ³ (mg/100cm ³)	-	max 50,0 (5,0)	GOST 1567
Oxidation stability of gasoline, min.	-	min 360	GOST 4039
Copper Strip Corrosion, (3 hrs at 50°C), grade	-	grade 1	GOST 6321
Appearance	-	transparent and clean	GOST 32513, p.8.2
Distillation:			GOST 2177
evaporated at 70°C (E70), % (V/V)	-	15,0 - 48,0	
evaporated at 100°C (E100), % (V/V)	-	40,0 - 70,0	
evaporated at 150°C (E150), % (V/V)	-	min 75	
Final Boiling Point (FBP), °C	-	not above 215	
Distillation residue, % (V/V)	-	max 2	
Max index of vapor lock	-	not rated	GOST 32513, p.8.3