

OJSC Mozyr Refinery  
 Passport No 687  
 Export motor gasoline RON -95  
 Specification STB 1656-2011

Gross weight             kg  
 Production date 17.03.2013

Net weight                                 kg

#	Description	Method of testing	Limit value RON -95	Actual value
1	Density at 15 ° C, kg\m <sup>3</sup> , max	STB ISO 3675	720,0 – 775,0	734,0
2	Research Octane Number, min Motor Octane Number, min	STB ISO 5164 STB ISO 5163	95,0 85,0	95,2 85,4
3	Lead concentration, mg\dm <sup>3</sup> , max	STB EH 237	5,0	Less than 2,5
4	Distillation Volume fraction of evaporated gasoline at: - 70 ° C (I70) For classes A and B For classes C, C1, D, D1 - 100 ° C - 150 ° C End of boiling Residue in a flask	STB ISO 3405	20-48 22-50  46-71 min. 75 max. 210 max. 2	29,4  52,6 86 201 1,0
5	Reid Vapor Pressure , kPa, RVP	STB 13016-1	60-90	84,8
6	Existent gum, mg per 100 sm <sup>3</sup> of gasoline, max	STB ISO 6246	5	1,0
7	Oxidation stability, minutes, min	STB ISO 7536	360	More than 360
8	Sulfur mass fraction, mg/kg max	STB ISO 20846	10	4,1
9	Copper test	STB ISO 2160	Class 1	Class 1
10	Volume ratio of benzene, %, max	STB EH 12177	1,0	0,75
11	Volume ratio of olefins, %, max	STB EH 22854	18	9,1
12	Volume ratio of aromatic hydrocarbons, %, max	STB EH 22854	35	30,7
13	Volume fraction of oxygenates, %, max: -methanol - Ethanol -isopropyl alcohol - isobutyl alcohol - tret-butyl alcohol - ethers (5 or more carbon atoms)* - others	STB ISO 22854-2011	1,0 5,0 10,0 10,0 7,0 15,0 10,0	- - - - - 5,8 -
14	Mass fraction of oxygen %, max	STB EH 22854	2,7	1,0

Note: oxygen containing Fe-, Mr-, MMA- additives are absent.