

Appendix 1

Fraction of aromatic hydrocarbons

№	Parameters	Norm
1	RON	min 95,0
2	MON	min 85,0
3	Density at 15°C, кг/м3	max 795,0
4	Initial boiling point, °C	min 35,0
5	10% distilled at t, °C	no norm
6	50% distilled at t, °C	no norm
7	90% distilled at t, °C	no norm
8	Final boiling point, °C	max 215
9	Volume fraction of residue in a flask, %	max 2,0
10	Volume fraction of residue and losses, %	max 4,0
11	Vapour pressure, kPa	max 40
12	Lead content, mg/dm ³	max 5,0
13	Acidity, mg KOH/100 см ³	max 3,00
14	Sour sulfur, %	max 0,0010
15	Induction period, min	min 360
16	Gum content (solved washed), mg/100 см ³	max 5
17	Sulfur, mg/kg	max 10,0
18	Copper strip corrosion (3 h at 50°C), class	class 1
19	Water-soluble acids and alkali	abs.
20	Mechanical impurities and water	abs.
21	Benzene content, %	max 1,00
22	Olefins, % vol.	max 18,00
23	Density at 20°C, kg/м ³	no norm
24	Aromatics, % mas.	min 51
25	Oxygenates content, %, max:	
	methanol	1,0
	ethanol	5,0
	isopropyl alcohol	10,0
	isobutyl alcohol	10,0
	tert-butyl alcohol	7,0
	ethers (5 and more atoms)	15,0
	other oxygenates	10,0
26	Oxygen mass fraction, %, max	2,7
27	Appearance	transparent and clean