

**Generally applicable requirements for premium grade unleaded petrol (EN 228)***

Property	Unit	Limits		Test method
		minimum	maximum	
Research octane number, RON	--	95,0	--	EN 25164
Motor octane number, MON	--	85,0	--	EN 25163
Lead content	mg/l	--	5	EN 237
Density (at 15 °C)	kg/m ³	720	775	EN ISO 3675 EN ISO 12185
Sulfur content	mg/kg	--	10	EN ISO 20846 EN ISO 20884
Oxidation stability	min	360	--	EN ISO 7536
Gum content (solvent washed)	mg/100ml	--	5	EN ISO 6246
Copper strip corrosion (3h at 50 °C)	rating	1		EN ISO 2160
Appearance	--	clear and bright, free from solid matter and water		--
Hydrocarbon type content	% (V/V)	--	18,0	ASTM D 1319 ASTM D 1319
- olefins		--	35,0	
- aromatics		--	1,0	
Benzene content	% (V/V)	--	1,0	EN 12177 EN 238
Oxygen content	% m/m	--	2,7	EN 1601 EN 13132
Oxygenates content	% (V/V)	--	3	EN 1601 EN 13132
- methanol		--	0,2	
- bioethanol		--	10	
- iso-propyl alcohol		--	10	
- iso-butyl alcohol		--	7	
- tert-butyl alcohol		--	--	
- bioethers (5 or more C-atoms)		12,55	--	
- other oxygenates		--	10	
Distillation	% (V/V)	20	48	EN ISO 3405
Evaporated at 70°C		46	71	
Evaporated at 100°C		75	--	
Evaporated at 150°C	% (V/V)	75	--	EN ISO 3405
FPB	°C	--	210	EN ISO 3405
Residue	% (V/V)	--	2	EN ISO 3405
Vapour lock index, VLI	--	--	1150	EN 228
Vapour Pressure	kPa	45	60	EN ISO 13016-1

***Addition: Proof of sustainability according to one of the international valid schemes, e.g. ISCC.**