

Sales Specification GEM Fuel

Property	Units	Min	Max	Test Method
RON		95.0	110	EN ISO 5164
MON		85.0	100	EN ISO 5163
Density (at 15°C)	kg/m ³	760	800	ASTM D4052
Vapour pressure (DVPE)	kPa	35.0	95.0	EN 13016-1
Lead	g/L		0.005	EN 237
Manganese	g/L		0.001	ASTM D 3831
Oxidation stability	Minutes	360		EN ISO 7536
Existent gum	mg/100 mL		5.0	EN ISO 6246
Sulphur	mg/kg		10.0	EN ISO 20846 or 20884
Copper corrosion	Rating		Class 1	EN ISO 2160
Distillation:				
Final Boiling Point	°C	163	178	EN ISO 3405
Residue	% (V/V)		2	EN ISO 3405
Ethanol + higher alcohols	% (V/V)	19	22	EN 13132 or 14517
Methanol	% (V/V)	39	44	EN 13132 or 14517
Ethers (5 or more C atoms)	% (V/V)		5.2	EN 13132 or 14517
Unleaded petrol as per				
Appendix J art 252-9.1	% (V/V)	36	38	SGS SPI 648
Water	% (V/V)		0.3	EN 12937
Inorganic chloride	mg/L		4	EN 15484
Acidity	% (m/m)		0.005	EN 15491
(as acetic acid)	(mg/L)		40	
Oxygen Content	%Wt		33	
Gaschromatographic analysis				(SGS SPI 648)
Gasoline	% (V/V)	35%	39%	
Ethanol	% (V/V)	19%	22%	
Methanol	% (V/V)	39%	44%	