

EXCHANGE SPECIFICATION

GASOLINE 100, EN 228

PROPERTY	UNIT	METHOD	LIMITS	
			Min.	Max.
Appearance, 20 °C		Visuel	Bright & Clear	
Benzene		EN 15553 / EN 14517/ EN ISO 22854 / EN 238		1.00,
Olefins	Vol.%	EN 15553/ EN 14517/EN ISO 22854		18.0 ¹
Aromatics	Vol %	EN 15553/ EN 14517/ EN ISO 22854		35.0,
	Vol%			
Colour		Visuel	undyed	
Copper Strip, 50 °C, 3h		EN ISO 2160		1
Density, 15 °C	kg/m ³	EN ISO 3675 / EN ISO 12185	720.0	775.0
Distillation E 70:0	Vol. %	EN ISO 3405		
1/5 - 31/5 & 1/9 - 30/9			20.0	50.0
1/10 - 30/4			22.0	50.0
1/6 - 31/8			20.0	48.0
Distillation E 100:0	Vol. %	EN ISO 3405	46.0 ¹	71.0
Distillation E 150	Vol. %	EN ISO 3405	75.0 ¹	
End Point	°C			210
Residue	Vol. %			2
Existent Gum, washed	mg/100ml	EN ISO 6246		4
Lead	mg/l	EN 237		5 ¹
Manganese content	mg/l	EN 16135/36		2.0
Octane Number, RONc		EN ISO 5164 (C)	100.0	
Octane Number, MONc		EN ISO 5163 (C)	88.7	
Oxydation Stability	minutes	EN ISO 7536	360	
Oxygenates :				
ETBE / MTBE ⁴	Vol. %	EN 1601 / EN 13132 / EN 14517		0.2
Ethanol	Vol %	EN 1601 / EN 13132 / EN 14517	4.6	5.0
Oxygen content	% (mim)	EN 1601 IEN 13132 / EN 14517		2.7
Sulphur	mg/kg (ppm)	EN ISO 20846 / EN ISO 20884		10.0
Silver corrosion		ASTM D 4814 Annex A 1		1
Mercaptan Sulphur	%	ASTM D 3227 / IP 342		0.0010
Vapour Lock Index				
VII = 10DVPE + 7E70				
1/5 - 31/5 & 1/9 - 30/9				1200
Vapour Pressure DVPE	kPa	EN 13016-1		
1/10-30/4			65.0	95.0
1/6-31/8 ¹			45.0	70.0 ¹
1/5 - 31/5 & 1/9 - 30/9			45.0	95.0

¹ Requirements acc. to order no. 884 of 03/11/2003 "Bekendtgørelse om kvaliteten af benzin, dieselolie og gasolie til brug i motorkøretøjer m.v." and order no. 300 of 21/04/2005 "Bekendtgørelse om ændring af bekendtgørelse om kvaliteten af benzin, dieselolie og gasolie til brug i motorøretøjer m.v."

² Dates related to point of sale.

Summer quality shall be available from 10/5 on all loading racks.

³ RONc is the measured Research Octane Number according to EN ISO 5164:2005, corrected according to EN 228:2004, Table 1, note b

MONc is the measured Research Octane Number according to EN ISO 5163:2005, corrected according to EN 228:2004, Table 1, note b

• Not to be added and no other oxygenates than ethanol is allowed.

