

Eco100 Pro (P-TG-110-03)

Advanced gasoline based on 100% fossil-free components

TECHNICAL CHARACTERISTICS

SPECIFICATION - EN 228

PARAMETER	UNIT	TYPICAL VALUE	MIN	MAX	TEST METHOD
RON	-	97.0-98.0	95.0	-	EN ISO 5164
MON	-	86.0-87.0	85.0	-	EN ISO 5163
DENSITY (AT 15 °C)	kg/m ³	760.0-763.0	720.0	775.0	EN ISO 12185
DVPE	kPa	48.0-52.0	45.0	90.0	EN 13016-1
SULFUR	mg/kg	<5	-	10	EN ISO 20846
LEAD	mg/l	<1	-	5	EN 237
MANGANESE	mg/l	<0.20	-	2.0	EN 16135
BENZENE	% V/V	0.10-0.20	-	1.00	EN ISO 22854
OLEFINS	% V/V	<4.0	-	18.0	EN ISO 22854
AROMATICS	% V/V	29.0-33.0	-	35.0	EN ISO 22854
METHANOL	% V/V	<0.3	-	3.0	EN ISO 22854
ETHANOL	% V/V	<0.3	-	10.0	EN ISO 22854
ISO-PROPYLALCOHOL	% V/V	<0.3	-	12.0	EN ISO 22854
ISO-BUTYLALCOHOL	% V/V	<0.3	-	15.0	EN ISO 22854
TERT-BUTYLALCOHOL	% V/V	<0.3	-	15.0	EN ISO 22854
ETHERS (5 OR MORE C ATOMS)	% V/V	19.0-21.0	-	22.0	EN ISO 22854
OTHER OXYGENATES	% V/V	<0.3	-	15.0	EN ISO 22854
OXYGEN CONTENT	% m/m	3.5-3.7	-	3.7	EN ISO 22854
INDUCTION PERIOD	minutes	>600	360	-	EN ISO 7536
COPPER CORROSION (3H AT 50 °C)	-	1a	-	CLASS 1	EN ISO 2160
EXISTENT GUM - WASHED	mg/100ml	<2	-	5	EN ISO 6246
APPEARANCE	-	C&B	Clear&Bright		Visual
NET HEATING VALUE	MJ/kg	41.0-41.4	-	-	DIN 51900
A/F RATIO	kg Air/kg Fuel	13.96-14.06	-	-	Calculation
CARBON CONTENT	% m/m	82.70-82.85	-	-	EN ISO 22854
HYDROGEN CONTENT	% m/m	13.52-13.65	-	-	EN ISO 22854
FOSSIL-FREE COMPONENTS	% m/m	100	-	-	Mass balance

DISTILLATION CHARACTERISTICS

PARAMETER	UNIT	TYPICAL VALUE	MIN	MAX	TEST METHOD
E70 °C	% V/V	31.5-34.5	22.0	50.0	EN ISO 3405
E100 °C	% V/V	53.0-56.0	46.0	72.0	
E150 °C	% V/V	75.0-76.0	75.0	-	
FINAL BOILING POINT	°C	<210	-	210	
RESIDUE	% V/V	<2.0	-	2.0	

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PLEASE READ THE SAFETY DATA SHEET (MSDS) FOR HEALTH AND SAFETY INSTRUCTION BEFORE USING