

P1 PERFORMANCE FUELS**Eco100 Pro (P-TG-110-03)**

PRODUCT DESIGNATION:	Eco100 Pro	SPECIFICATION:	EN 228
PRODUCT CODE:	P-TG-110-03	DATE:	2022-05-19
PRODUCT TYPE:	GASOLINE	BATCH:	T_P-TG-110-03_2022_03

TECHNICAL CHARACTERISTICS**SPECIFICATION EN228**

PARAMETER	UNIT	RESULT	MIN	MAX	TEST METHOD
RON	-	97.3	95.0	-	EN ISO 5164
MON	-	86.0	85.0	-	EN ISO 5163
DENSITY (AT 15 °C)	kg/m ³	759.4	720.0	775.0	EN ISO 12185
DVPE	kPa	52.1	45.0	100.0	EN 13016-1
SULFUR	mg/kg	<3	-	10	EN ISO 20846
NITROGEN	mg/kg	8	-	-	ASTM D5762
LEAD	mg/l	<1	-	5	EN 237
MANGANESE	mg/l	<0.2	-	2.0	EN 16135
BENZENE	% V/V	0.20	-	1.00	EN ISO 22854
OLEFINS	% V/V	2.3	-	18.0	EN ISO 22854
AROMATICS	% V/V	30.1	-	35.0	EN ISO 22854
METHANOL	% V/V	<0.3	-	3.0	EN ISO 22854
ETHANOL	% V/V	3.9	-	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	19.9	-	22.0	EN ISO 22854
OTHER OXYGENATES	% V/V	<0.3	-	15.0	EN ISO 22854
OXYGEN	% m/m	3.64	-	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	<1	-	5	EN ISO 6246
APPEARANCE	-	C&B	Clear&Bright	-	Visual
WATER	mg/kg	140	-	-	ISO 12937
NET HEATING VALUE	MJ/kg	40.7	-	-	DIN 51900
A/F RATIO	kg Air/kg Fuel	13.95	-	-	calculation
CARBON	% m/m	83.05	-	-	calculation
HYDROGEN	% m/m	13.31	-	-	calculation
FOSSIL-FREE COMPONENTS	% m/m	100	-	-	mass balance

DISTILLATION CHARACTERISTICS

E70 °C	% V/V	33.3	22.0	50.0	
E100 °C	% V/V	54.8	46.0	72.0	
E150 °C	% V/V	75.3	75.0	-	
10% V/V EVAP. AT	°C	53.8	-	-	
20% V/V EVAP. AT	°C	61.2	-	-	
30% V/V EVAP. AT	°C	67.9	-	-	
50% V/V EVAP. AT	°C	90.4	-	-	EN ISO 3405
70% V/V EVAP. AT	°C	139.7	-	-	
80% V/V EVAP. AT	°C	157.5	-	-	
90% V/V EVAP. AT	°C	174.3	-	-	
95% V/V EVAP. AT	°C	185.3	-	-	
FINAL BOILING POINT	°C	206.5	-	210	
RESIDUE	% V/V	0.6	-	2.0	

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