

P1 PERFORMANCE FUELS

ECO100Pro (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	-	96.0-98.0	95.0	-	EN ISO 5164
MON	-	85.0-87.0	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

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	

Date of compilation/revision: 2022-05-19

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

Copyright © 2014 P1 Racing Fuels Limited. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical including by photocopy, recording or information storage and retrieval system, without permission in writing from P1 Racing Fuels Limited or any member company of the group.

CONTACT P1 PERFORMANCE FUELS FOR MORE INFORMATION

+49 1722772595

info@p1fuels.com

ORDER ONLINE AT:
p1fuels.com