

P1 RACING FUELS

XR5 (P-RG-006-02)



TECHNICAL CHARACTERISTICS

FIA 2019 – APPENDIX J – ARTICLE 252

PROPERTY	UNITS	TYPICAL DATA	MIN	MAX	TEST METHOD
RON	-	102.0	95.0	102.0	EN ISO 5164
MON	-	89.2	85.0	90.0	EN ISO 5163
DENSITY (AT 15°C)	kg/m ³	783.3	720.0	785.0	EN ISO 12185
OXYGEN	% m/m	3.69	-	3.7	EN ISO 22854
NITROGEN	mg/kg	18	-	2000	ASTM D 4629
SULFUR	mg/kg	<1	-	10	EN ISO 20846
LEAD	mg/l	<0.1	-	5	EN 237
MANGANESE	mg/l	<0.1	-	2.0	EN 16136
BENZENE	% V/V	<0.1	-	1.00	EN ISO 22854
OLEFINS	% V/V	15.6	-	18.0	EN ISO 22854
AROMATICS	% V/V	30.3	-	35.0	EN ISO 22854
TOTAL DI-OLEFINS	% m/m	<1	-	1.0	GC-MS
OXIDATION STABILITY	minutes	>720	360	-	ASTM D 525
DVPE	kPa	46.2	-	80	EN 13016-1
NET HEATING VALUE	MJ/l	32.5	-	-	ASTM D3338
A/F RATIO	kg Air/kg Fuel	13.75	-	-	calculation

DISTILLATION CHARACTERISTICS

AT E70 °C	% V/V	25.1	20.0	52.0	ISO 3405
AT E100 °C	% V/V	57.1	46.0	72.0	
AT E150 °C	% V/V	90.4	75.0	-	
FINAL BOILING POINT	°C	<210	-	210	
RESIDUE	% V/V	0.9	-	2.0	

(1) A correction factor of 0.2 for MON and RON shall be subtracted for the calculation of the final result in accordance with EN 228: 2012

(2) The maximum DVPE may rise to 100 kPa for winter competitions.

To achieve optimum performance and utilize the unique features of this product it is recommended to optimize the Air/Fuel ratio and ignition advance. It is not recommended to mix this fuel with any other additives or other fuel blends. The fuel must be stored according to local legislation and in a dark cool place to maintain its properties.

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

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CONTACT P1 RACING FUELS FOR MORE INFORMATION

+353 91 734 008

info@p1racingfuels.com

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