

IGNITE E100

TECHNICAL DATA SHEET

DESCRIPTION

99.9% Ethanol. Product has been denatured FOR AUTOMOTIVE USE with Valve Seat Recession additives to prevent deposit build up on intake valves and corrosion inhibitors but also includes a combustion additive to reduce detonation further and a top end lubricant to protect valves and guides, protection of aluminium fuel system parts and cylinder walls. IGNITE E100 is a specialised Fuel and a vehicle has to be tuned for it accordingly. Product is best suited for calibration engineers who require consistency for fine tuning. Best suited for flex fuel systems designed for Ethanol blends.

- Fuel Ethanol Guidelines, Specifications and Procedures #960501
- Treated with Upper Lubricant
- Treated with Shield Stabilizer

REFERENCE NO.

201903013E100/06

DATE

15/03/2019

BATCH NO.

20190118/E100/7

INSTRUCTIONS

(DIRECT-TO-TANK)

| S No. | Parameters | Unit | Typical Results | Testing Method |
|-------|-------------------------|------|-------------------|---------------------|
| 1 | Appearance | ---- | Clear Liquid | Visual |
| 2 | Colour | ---- | < 1 Slight Yellow | ASTM D1500 |
| 3 | Specific Gravity @ 20°C | ---- | 794 | ASTM D1298 |
| 4 | Total Purity By GLC | % | 99.99 | GLC In-House Method |
| 5 | Flash Point | °C | 12 | ASTM D93 |
| 6 | Water Content | PPM | Nil | ASTM D6304 |
| 7 | RON | °C | 115 | ASTM 2699 |

| | | | | |
|----|---------------------------|-------|-------|--------------|
| 8 | MON | ---- | 102 | ASTM 2700 |
| 9 | R+M/2 | ---- | 108.5 | |
| 10 | Melting Point / Range | °C | -88.5 | ASTM E324 |
| 11 | Boiling Point | °C | 78.4 | ASTM D7169 |
| 12 | Auto Ignition Temperature | °C | 363 | ASTM E659-15 |
| 13 | Lower Explosion Limit | (V) | 3.3% | ASTM E681-09 |
| 14 | Upper Explosion Limit | (V) | 19% | ASTM E681-04 |
| 15 | Viscosity | mPa.s | 2.4 | ASTM D445 |
| 16 | Relative Vapour Density | | 2.09 | ASTM D4052 |

DISCLAIMER

The results displayed in this data sheet have been acquired using the latest revision of the methods indicated unless stated otherwise and may not be reproduced (except in full) without the written approval of Fast Racing Fuels. This test report is computer generated so a signature/stamp is not necessary.



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