

Technical Datasheet

Part Description: SUSTAIN 100 95RON E10

Part Code: 10002157

Date: 14/04/2025

Test	Method	Unit	Limits		Results
			Min	Max	
Appearance ^	Visual		Report		C&B
Bio-Content ^	Blending		100	-	100
RON *	EN ISO 5164		95	-	95.9
MON *	EN ISO 5163		85	-	85.1
Density @ 15°C ^	EN ISO 12185	kg/L	0.720	0.775	0.7567
DVPE @ 37.8°C ^a	EN 13016-1	kPa	45	100	60.3
Sulfur ^a	EN ISO 20846	mg/kg	-	10	<1
PIONA					
Paraffins ^	ASTM D6730 mod	% v/v	Report		10.9
Isoparaffins ^	ASTM D6730 mod	% v/v	Report		35.4
Olefins ^	ASTM D6730 mod	% v/v	-	18.0	2.1
Naphthenes ^	ASTM D6730 mod	% v/v	Report		6.9
Aromatics ^	ASTM D6730 mod	% v/v	-	35.0	33.4
Unknowns ^	ASTM D6730 mod	% v/v	Report		1.7
Benzene ^	ASTM D6730 mod	% v/v	-	1.0	0.28
OXYGENATES					
Methanol ^	ASTM D6730 mod	% v/v	-	0.1	<0.1
Ethanol ^	ASTM D6730 mod	% v/v	9.5	10.5	9.6
MTBE ^	ASTM D6730 mod	% v/v	-	0.1	<0.1
ETBE ^	ASTM D6730 mod	% v/v	-	0.1	<0.1
Other ^	ASTM D6730 mod	% v/v	-	0.1	<0.1
Oxygenates - Total ^	ASTM D6730 mod	% v/v	Report		9.6
Oxidation Stability ^	ASTM D525	min	360	-	>360
Copper Corrosion (3h @ 50°C)^	EN ISO 2160	Rating	Class 1		1A
Existent Gum - Washed^	EN ISO 6246	mg/100mL	-	5.0	<1
Carbon^	ASTM D6730 mod	% m/m	Report		83.17
Hydrogen^	ASTM D6730 mod	% m/m	Report		13.35
Oxygen^	ASTM D6730 mod	% m/m	3	3.7	3.49
Lead^	EN 237	mg/L	-	2.5	<2.5
Manganese^	ASMT D3831	mg/L	-	2.0	<2.0
Gross Calorific Value^	ASTM D3338 mod	MJ/kg	Report		43.85
Net Calorific Value^	ASTM D3338 mod	MJ/kg	Report		41.02
AFR^	Calculation		Report		14.00
Distillation (Evaporated) ^					
E70 ^a	EN ISO 3405	% v/v	22.0	52.0	43.4
E100 ^a	EN ISO 3405	% v/v	46.0	72.0	51.5
E150 ^a	EN ISO 3405	% v/v	75.0	-	78.1
E180 ^a	EN ISO 3405	% v/v	Report		97.5
IBP ^a	EN ISO 3405	°C	Report		34.7
10% Volume Evaporated ^a	EN ISO 3405	°C	Report		51.3
50% Volume Evaporated ^a	EN ISO 3405	°C	Report		94.1
90% Volume Evaporated ^a	EN ISO 3405	°C	Report		165.1
95% Volume Evaporated^a	EN ISO 3405	°C	Report		172.9
FBP ^a	EN ISO 3405	°C	-	210.0	183.0

^ Test UKAS accredited ^ Test not UKAS accredited * Test performed by sub-contracted lab -Test is UKAS accredited at sub-contracted lab

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