DRAKENSBERG ENERGY TRADING

PRODUCT SPECIFICATION

RON92 regular export specification

Document: DE-SPEC-RON92-REGULAR | Revision 1.1 | 20 March 2026 | English

Drakensberg Energy Europe EOOD | UIC 208760847

Technical source: Burgas CTS 1-82.01 | Revision 02 | 1 September 2016

Property	Unit	Requirement	Test method
Research octane number	RON	Minimum 92.0	BDS EN ISO 5164
Motor octane number	MON	Minimum 82.0	BDS EN ISO 5163
Density at 15°C	kg/m³	720.0 to 775.0	BDS EN ISO 3675*; BDS EN ISO 12185
Lead	mg/l	Maximum 5	BDS EN 237
Sulphur	mg/kg	Maximum 50.0	BDS EN ISO 20884; BDS EN ISO 20846; ASTM D5453
Oxidation stability	min	Minimum 360	BDS EN ISO 7536
Solvent-washed existent gum	mg/100ml	Maximum 5.0	BDS EN ISO 6246
Copper corrosion (3 h at 50°C)	rating	Class 1	BDS EN ISO 2160
Appearance	-	Clear and bright	Visual
Olefins	% (V/V)	Maximum 21.0	ASTM D1319; BDS EN ISO 22854*
Aromatics	% (V/V)	Maximum 35.0	ASTM D1319; BDS EN ISO 22854*
Benzene	% (V/V)	Maximum 1.0	BDS EN 12177; BDS EN 238; BDS EN ISO 22854*
Oxygen	% (m/m)	Maximum 0.25	BDS EN 13132; BDS EN ISO 22854*
Vapour pressure Class A	kPa	45.0 to 60.0	BDS EN 13016-1
Vapour pressure Class C	kPa	50.0 to 80.0	BDS EN 13016-1
E70 Class A	% (V/V)	20.0 to 48.0	BDS EN ISO 3405
E70 Class C	% (V/V)	22.0 to 50.0	BDS EN ISO 3405
E100 Class A	% (V/V)	46.0 to 71.0	BDS EN ISO 3405
E100 Class C	% (V/V)	46.0 to 71.0	BDS EN ISO 3405
E150 Class A	% (V/V)	Minimum 75.0	BDS EN ISO 3405
E150 Class C	% (V/V)	Minimum 75.0	BDS EN ISO 3405
Final boiling point	°C	Maximum 210	BDS EN ISO 3405
Distillation residue	% (V/V)	Maximum 2	BDS EN ISO 3405
Vapour lock index winter	index	Maximum 1050	10 VP + 7 E70

Specification notes

This is the regular export grade with oxygen limited to 0.25% (m/m) and sulphur to 50 mg/kg. It is a distinct reference from the WAF grade.

Class A summer: 1 April-30 September. Class C winter: 1 October-31 March. * Umpire method. BDS: Bulgarian standard. Sampling: BDS EN ISO 3170.

Source: https://neftochim.lukoil.com/FileSystem/9/197693.pdf

Refinery specification reference. Values identify the stated grade and source revision; the consignment quality certificate records actual results. This document is separate from the safety data sheet.

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