AL QAMRA
القمرة للنفط والغاز

PRODUCT DATA SHEETS (PDS)

High-Octane Premium Gasoline (95 RON)

Compliance Standard: EN 228 Equivalent

Product Classification: Unleaded Premium Motor Gasoline (Mogas)
Compliance Standard: EN 228 Equivalent

Product Overview:

Al Qamra Premium Gasoline 95 RON is an advanced unleaded motor fuel engineered for modern passenger cars and commercial light vehicles. Formulated with top-tier octane metrics, this fuel minimizes engine knocking, enhances power delivery, and optimizes fuel consumption while limiting tailpipe carbon emissions.

Technical Specifications Table

Property	Units	Test Method (ASTM/ISO)	Specification Limits	Typical Value
Research Octane Number (RON)	—	ASTM D2699 / ISO 5164	Min 95.0	95.3
Motor Octane Number (MON)	—	ASTM D2700 / ISO 5163	Min 85.0	85.2
Lead Content	g/L	ASTM D3237 / ISO 3830	Max 0.005 (Unleaded)	N.D.
Density @ 15°C	kg/m³	ASTM D4052 / ISO 12185	720.0 – 775.0	742.0
Reid Vapor Pressure (RVP) - Summer	kPa	ASTM D323 / ISO 3007	Max 60.0	54.0
Benzene	% vol	ASTM D5580 / EN 238	Max 1.0	0.75
Content	% vol	ASTM D5580 / ISO 22854	Max 35.0	31.0
Aromatics	% vol	ASTM D1319 / ISO 22854	Max 18.0	11.5

Storage & Handling Recommendations:

- Highly volatile fuel; must be stored in tanks fitted with highly efficient vapor recovery systems (VRUs) or internal floating roofs to prevent evaporative losses.
- Use explosion-proof equipment and strictly ground/bond all piping during transport transfers.