

# Shell Premium Gasoline



Shell Premium Gasoline is an unleaded premium gasoline formulated with 10% ethanol. The ethanol component in Shell Premium Gasoline is a renewable energy source that can reduce greenhouse gases. Shell Premium Gasoline is compliant to PNS/DOE QS 008:2012 (E-Gasoline Multi-grade Specification) and is recommended for spark-ignition engines designed to run on 95 octane unleaded gasoline.

## Technical Specifications

<u>Properties</u>	<u>Limits</u>	<u>Test Method</u>
Density @ 15°C, kg/L	0.725 - 0.783	ASTM D1298
Research Octane No. (RON), min.	95	ASTM D2699
Anti-Knock Index (AKI), min.	87.5	ASTM D4814
Sulphur, % wt., max.	0.05	ASTM D4294
ASTM Distillation, Temperature, °C at:		ASTM D86
10 % Recovered, max.	70	
50 % Recovered	70-110	
90 % Recovered, max.	180	
End Point, °C, max.	215	
Residue, % Vol., max.	2	
Vapour Pressure, kPa at 37.8°C, max.	62	ASTM D5191
Existent Gum, mg/100 ml., max.	4	ASTM D381
Copper Corrosion, 3 hr @ 50°C, max.	1	ASTM D130
Aromatics, % volume, max.	35	ASTM D5443
Benzene, % volume, max.	2	ASTM D5443
Ethanol Content, % vol.	9 - 10	ASTM D5845
Color	Red	Visual

## Health and Safety

Shell Premium Gasoline is a volatile and highly flammable liquid classified as Dangerous Goods Class 3 Packaging Group II for transportation purposes. Avoid contact with skin and eyes, and breathing vapours or mists.

For further guidance on product health and safety, refer to the appropriate Material Safety Data Sheet.