

Product Data Sheet

Unleaded 91 Petrol (Gasoline)

Description

Puma Unleaded 91 is a petrol grade with a minimum Research Octane Number (RON) of 91. Puma Unleaded 91 meets the Fuel Quality Standards Act 2000 and Fuel Quality Standards (Petrol) Determination 2019 as amended

Compatibility

Unleaded 91 is blended to meet the needs of modern engines fitted with catalytic converters and all two or four stroke engines designed to run on unleaded petrol.

Most vehicles built or imported since 1986 and a number of pre-1986 vehicles are able to use this type of fuel. If your vehicle is a pre-1986 vehicle and you are not sure if it can run on Unleaded 91, check with your manufacturer first before using unleaded petrol.

Storage

Keep away from sources of ignition.
Packages should not be stored above 40°C.

All packages should be kept locked up, containers tightly closed and stored in a cool, well ventilated place.

Health, Safety & Environment

Unleaded 91 is extremely flammable and is classified as a Transport Hazard Class 3 Liquid

This product presents a serious health risk by prolonged exposure through inhalation, skin contact and if swallowed.

Full health, safety and environmental information is provided for this product in the relevant Safety Data Sheet, which can be obtained on our website.

www.pumaenergy.com.au

Specifications

Test Description	Test Method	Unit	Specification
Research Octane Number, RON	ASTM D2699		91.0 min
Motor Octane Number, MON	ASTM D2700		81.0 min
Lead Content	ASTM D3237	mg/L	5 max
Aromatics Content (Total)	ASTM D1319	vol%	45.0 max
Olefins Content	ASTM D1319	vol%	18.0 max
Oxygenates			
MTBE	ASTM D4815	vol%	1.0 max
ETBE	ASTM D4815	vol%	1.0 max
DIPE	ASTM D4815	vol%	1.0 max
TBA	ASTM D4815	vol%	0.5 max
Oxygen Content	ASTM D4815	m/m%	2.7 max
Existent Gum, Washed	ASTM D381	mg/100mL	5 max
Induction Period	ASTM D525	Minutes	360 min
Sulphur Content	ASTM D5453	mg/kg	150 max
Distillation Final Boiling Point	ASTM D86	°C	210 max
Benzene Content	ASTM D5580	vol%	1.0 max
Phosphorous Content	ASTM D3231	mg/L	1.3 max
Copper Corrosion, 3hrs @ 50°C	ASTM D130		Class 1 max