

PRODUCT: Gasoline

Gasoline also known as petrol outside of North America, is a transparent, petroleum-derived liquid that is used primarily as a fuel in internal combustion engines. It consists mostly of organic compounds obtained by the fractional distillation of petroleum, enhanced with a variety of additives.

Application:

Gasoline, as used worldwide in the vast number of internal combustion engines used in transport and industry, has a significant impact on the environment, both in local effects (e.g., smog) and in global effects (e.g., effect on the climate). Gasoline may also enter the environment uncombusted, as liquid and as vapors, from leakage and handling during production, transport and delivery, from storage tanks, from spills, etc.

Items	Unit	Standards
Appearance	-	Green
Copper band corrosion (3hours@ 50 °C)	-	No. 1
Density (@ 15 °C)	Kg/m ³	720-775
Distillation	-	>98% at 24.4
Vaporization percentage @ 150° C	% volume	75
Distillation residue	% volume	2
Gum content (washed with solvent)	Mg/100 mL	5
Oxidation stability	minute	360
Research Octane Number RON (c)	-	95
Motor Octane Number MON (c)	-	85
Lead	Mg/L	0
Sulfur	Mg/kg	10
Summer (a)	-	20-48
Winter (b)	-	22-50