

Technical Data Sheet

Benzene

Benzene is a clear, colorless, highly flammable and volatile, liquid aromatic hydrocarbon with a gasoline-like odor. Benzene is found in crude oils and as a by-product of oil-refining processes.

Application:

- fuel
- Solvent
- Waxes
- Resins
- Oils
- Inks
- Paints
- Plastics
- Rubber
- Detergents
- Explosives
- Pharmaceuticals
- Dyestuffs
- Lubricant
- Chemical industry

Properties	Value	Unit	Test Method
Purity	99.90 min	Wt%	ASTM D 4492-98
Non aromatics	0.07 max	Wt%	ASTM D 4492-98
Toluene	0.015 max	%Wt	ASTM D 4492-98
Distillation range °c at 760 mm Hg	1.0 max including 80.1		ASTM D 850-00
Appearance	Clear liquid free of sedimentation or haze at 18.3 to 25.6 °c	°c	VISUAL
Total Sulfur	1.0 max	wt. ppm	ASTM D 4045-99
Copper corrosion	Pass (1a to 1b)		ASTM D 849-97
Color, Pt-co scale	10 max		ASTM D 1209-00
Acid wash color	Pass with 1		ASTM D 848-97
Acidity	None detected		ASTM D 847-96
Specific Gravity at 15.56/15.56 °c	0.882 - 0.886		ASTM D 4052-96
SO2 / H2S	None detected		ASTM D 853-97
Solidification Point °c	5.45 min	°c	ASTM D 852-00
Thiophene	0.60 max	wt.ppm	ASTM D 5623-94
Vapor Pressure	3.3	psi	ASTM D 323-99A