

BENZENE

Benzene is a colorless, flammable liquid with a sweet odor, commonly used in the production of chemicals such as plastics, synthetic fibers, resins, and rubber. It is derived from petroleum and natural gas. Due to its toxic and carcinogenic nature, it requires careful handling and strict safety measures.

Appearance

Clear Liquid

CAS NUMBER

71-43-2

Quality Data

Parameter	Method	Unit	Typical Result
Color	ASTM D1209	-	10 Max
Density	ASTM D4052	g/cm ³	0.880 - 0.886
Kinematic Viscosity	ASTM D445	cSt	<1.5
Flash Point	ASTM D93	°C	-11
Total Sulphur	ASTM D5453	Wt. ppm	1.0 Max
Water Content	ASTM D6304	% Vol	<200
Boiling Point	ASTM D850	°C	80.1
Solidification Point (Anhydrous Basis)	ASTMD852	°C	5.45 Min.
Bromine Index	ASTM D1492	Mg/100 Gm.	10 Max
Toluene	ASTM D4492	ppm	300 Max
Acidity	ASTM 847	mg NaOH/100 ML	Nil
Total Non-Aromatics	ASTM D2360	ppm	400 Max
Benzene Purity	ASTM D4492	% Vol	99.9 Min
Stabilizer	ASTM D2120	ppm	50 - 100

For Health & Safety information refer to the most current version of the product MSDS

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