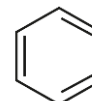


Technical Data Sheet

BENZENE syntheses grade

Benzene is colourless liquid without sediment.

- Boiling point: 80,1°C
- Solidification point: 5,4°C



SPECIFICATIONS

Parameter	Unit	Requirements	Method
Density at 15°C	g/cm ³	0,882-0,883	PN-EN ISO 12185
Benzene content, not less than	%(w/w)	99,95	ASTM D 4492
Non-aromatic content, not more than	mg/kg	0,05	ASTM D 4492
Toluene content, not more than	mg/kg	50	ASTM D 4492
Total sulphur content, not more than	mg/kg	2	ASTM D 5453
Acid wash colour, not more than	-	1	ASTM D 848

Additional parameters available on customer's request.

APPLICATION AREAS

Benzene is used as a feedstock for a number of chemical syntheses including production of ethylbenzene, chlorobenzene, caprolactam, cumene, maleic anhydride, cyclohexane, aniline, adipic acid and LABS. Benzene is also used in pharmaceutical industry and as a laboratory agent.

ADDITIONAL INFORMATION

Petrochemia – Blachownia S.A. sells benzene exclusively for business customers in the industry.

Handling, storage, transport and other detailed safety information available in the specific Material Safety Data Sheet.