

Benzene

BZ

Overview

Benzene is produced through extraction and separated distillation from hydrocarbon oil containing benzenoid produced by catalytic cracking and reforming, similar to toluene and xylene. It's a colorless liquid aromatic product with a sweet odor.

Application

The raw material of SM.

Physical properties

Item	Test Method	Unit	Typical Value
APPEARANCE	HTC METHOD	-	Clear
SP.GR(60/60°F)	ASTM D4052	-	0.8806
APHA COLOR	ASTM D1209	-	LT5
DISTILLATION,IBP	ASTM D850	°C	79.8
DISTILLATION,DP	ASTM D850	°C	80.3
IBP-EP(INCLUDING 80.1°C)	ASTM D850	°C	0.5
NON-AROMATICS	ASTM D4492	Wt ppm	424
PURITY	ASTM D4492	Wt %	99.93
TOLUENE	ASTM D4492	Wt ppm	245
COPPER CORROSION	ASTM D849	-	1A
ACID WASH COLOR	ASTM D848	-	1
CHLORIDE	ASTM D5808	Wt ppm	LT1.0
BROMINE INDEX	ASTM D1492	mg/100g	7.6
SOLIDIFICATION POINT	ASTM D852	°C	5.43

Note: The data is a representative value of the guide material and may be changed depending on the manufacturing raw material and process situation.

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