

Benzene

Description

Raw material of Polystyrene, Synthetic rubber, Nylon, Polyester

Application

Basic Petrochemicals

Properties	Condition	Method	Unit	Benzene
Acid Wash Color		ASTM D-848		MAX 2
Acidity		ASTM D-847	wt ppm	NO FREE ACID
Appearance	18.3°C~25.6°C	Visual		Clear Liquid
Color(Pt-Co)	Pt-Co	ASTM D-1209		MAX 20
Distillation Range	1 atm	ASTM D 86	°C	80.1°C ϵ Δ T 1.0°C (from IBP)
N-Aromatics		Gas Chro	wt ppm	MAX 1000
Purity		Gas Chro	wt %	MIN 99.9
Relative Density	15.56°C	ASTM D-4052	g/cm ³	0.882~0.886
Solidification		ASTM D-852	°C	MIN 5.45
Thiophene		Gas Chro	wt ppm	MAX 1
Toluene		Gas Chro	wt %	MAX 0.05
Total Sulfur		ASTM D-5453	wt ppm	MAX 1

Chemical Formula

C₆H₆