

Technical Data Sheet

Eastman™ Benzoic Acid Technical Grade, Flake

Applications

- Agriculture intermediates
- Cosmetic ingredients - lips
- Cosmetic ingredients eyes & face
- Personal care ingredients

Product Description

Benzoic acid is a mono-functional, aromatic acid, which is widely used as a building block for the synthesis of alkyd resins. When used as a component of alkyd resins, it improves gloss, hardness and chemical resistance.

Typical Properties

Property	Typical Value, Units
General	
Boiling Point	
@ 1 mm Hg	96 °C
@ 5 mm Hg	118-120 °C
@ 760 mm Hg	249.2 °C
Flake thickness	
mm (average)	1.2
Flash Point	
Closed Cup	121.11 °C
Open cup	>93.3 °C
Melting range	121-123 °C
Molecular Weight	122.13
Odor	Faint, slightly aromatic
Solubility	
Acetone	Easily soluble
Cold water	Partially soluble
Diethyl ether	Soluble
Hot water	Easily soluble
Methanol	Easily soluble
Specific Gravity	
@ 25°C/25°C	1.2659

Comments

Properties reported here are typical of average lots. Eastman makes no representation that the material in any particular shipment will conform exactly to the values given.

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