

# Technical Data Sheet

## Eastman™ Benzoic Acid Technical Grade, Flake

### Applications

- Agriculture intermediates

### Product Description

Benzoic acid is a mono-functional, aromatic acid, which is widely used as a building block for the synthesis of alkyd resins. It is also used as a preservative in select industrial applications. When used as a component of alkyd resins, it improves gloss, hardness and chemical resistance. When used as a preservative, benzoic acid increases storage stability and reduces corrosion for emulsions, polishes, waxes, paints and liquid detergents.

### Typical Properties

Property	Typical Value, Units
<b>General</b>	
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

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