

Technical Data Sheet

Eastman™ DTBHQ

Applications

- General industrial coatings
- Intermediates
- Kitchen & bath
- Lubricants
- Molding & trim interior
- Polymer modification
- Wire/cable

Product Description

Eastman™ DTBHQ (2,5-ditert-butylhydroquinone) is a white to tan crystalline solid that is insoluble in water and caustic solutions. Eastman™ DTBHQ has a low vapor pressure and has short induction periods in peroxide-catalyzed polymerizations.

Typical Properties

Property	Typical Value, Units
General	
Molecular Weight	222.31
Empirical Formula	C ₁₄ H ₂₂ O ₂
Appearance	White to tan crystals
Assay	99 wt %
Specific Gravity	1.07
Melting Point	215 °C (419 °F)
Boiling Point	321 °C (610 °F)
Flash Point	
Cleveland Open Cup	216 °C (420 °F)
Autoignition Temperature	421 °C (790 °F)
Solubility @ 25° (77°F)	
In Acetone	25 wt %
In Caustic	Insoluble
In Ethanol (95%)	17 wt %
In Ethyl Acetate	31 wt %
In Styrene	< 5 wt %
In Toluene	< 1 wt %
in Water	Insoluble

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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