



EXCEL CHEMICAL CORP.

S/N

EDITION

2

DATE

2010/11/10

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## 2,4 DTBP Material Specification

### 2. Properties of Material

2, 4 DTBP is kind of a yellowish crystal ; it can be dissolved with Ethanol or Benzene, and can slightly be dissolved in water. Its main use is to be the raw material of antioxidant. It is an organic intermediate with extensive application. Specification as follow:



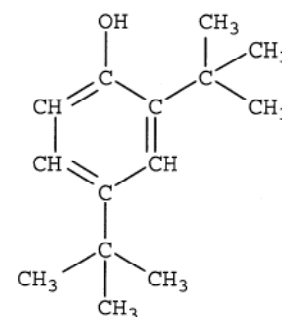
### 2,4 Di-tertiary-Butyl-Phenol

**FORMULA :** C<sub>14</sub>H<sub>22</sub>O

**CHEMICAL NAME :** 2,4 Di-Tertiary-Butyl-Phenol

#### PHYSICAL PROPERTIES :

Molecular Weight .....	206.3 g/ mole
Appearance .....	slightly yellow crystalline mass
Boiling Point, °C .....	265
Freezing Point, °C .....	55-57.8
Density, 40 °C .....	0.910g/cm <sup>3</sup>
Flash Point, °C .....	115(Open Cup)
Vapor Pressure ,mmHg (20 °C) .....	76E-4



#### SPECIFICATIONS :

Property	Test method	Specified Limit
Purity, % wt	by gas-chromatography	99.5 min.
Water Content, % wt	ASTM D1364-64	0.05 max.
Color, APHA	ASTM D1209	100 max.

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