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Technical Data Sheet

Antioxidant SH-264

1.Description

Antioxidant 264/BHT-264/T501/ butylated hydroxyanisole
Molecular Formula: C15H24O
CAS NO.: 128-37-0
Antioxidant 264(2,6-di-tert-butyl-4-methyl phenol), C15H24O, molecular weight 220.36, white crystals or crystalline powder; soluble in benzene,toluene,ethanol,acetone,carbon terachloride,and methanol;insoluble in water and 10% NaOH solution.Mainly used in animal and vegetable oil and fat,and oil-rich food,and for packaging materials for cosmetics and food.

2.Technical Specification

Item	Standard
Appearance	White crystal or crystalline powder
Melting point(Initial Melting Point)/℃	≥69.0
Moisture w/%	≤0.05
Ignition residue w/%	≤0.005
Sulfate (as SO4) w/%	≤0.002
Arsenic(As) (mg/kg)	≤1
Heavy Metal (as pb) (mg/kg)	≤5
Free cresol (as Paracresol) w/%	≤0.02

3.Application

1. BHT is nontoxic,imflammable, is applicable to various lubricating oils, re-processed gasoline, paraffin and other mineral oils, as well as to polyethylene, polystyrene, polypropylene, ABS resin, polyester, cellulose resin and foamed plastic (particularly to white or light-colored product), food-grade plastics, natural rubber, synthetic rubber, animal and plant grease etc.
2. BHT as stablizer for cosmetics and pharmaceuticals; dosage: 0.01%~2%;
3. BHT as antioxidant for industrial oils;dosage:0.1%~1%;
4. BHT as antioxidant in oils food grade;

4.Storing and Packing

Packed in cardboard drums lined with plastic bags with the capacity of 25 kg. This product is stable without special demands for storing, but high temperature and moisture should be avoided .