

Antioxidant Plaox-1024

Chemical name: N, N'-Bis (3, 5-di-butyl-4-hydroxyle-phenylpropionyl) hydrazine

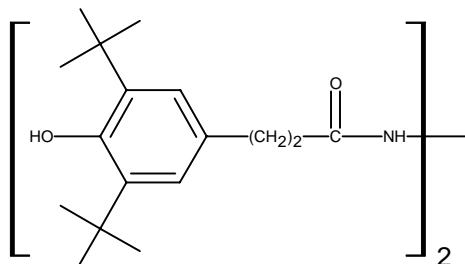
Equivalent: Irganox MD-1024 (Ciba SC)/ Lowinox MD24 (Chemtura)

Molecular formula: C₃₄H₅₂N₂O₄

Molecular weight: 552.80

CAS No.: 32687-78-8

Structural formula:



PHYSICAL PROPERTIES

Appearance: White crystal powder

Melting range: 227 °C

Solubility (g/100g solvent), @20 °C

Water: Insoluble

Methanol: Soluble

Acetone: Soluble

Flash point: Not available

Bulk density: (g/cm³), @20 °C: Not available

Chloroform: Slightly soluble

Acetidin: Slightly soluble

SPECIFICATIONS

Appearance: White powder

Melting point: 224 ~ 229 °C

Volatile: 0.5% max

Ash: 0.1% max

Transmittance (425nm): 96.0% min

Transmittance (500nm): 98.0% min

Clarity of solution (2g in 100ml methanol): Clear

Assay: 98% min

APPLICATIONS

Plaox-1024 is widely used for PE, PP, PA and so on, especially in wire and cable insulation. It has a good synergistic with general antioxidant. The dosage is recommended to be 0.1 ~ 0.5 phr .

PACKING

25kg/bag