

Antioxidant Plaox-1098

Chemical name: N, N'-hexane-1, 6-diylbis [3-(3, 5-di-tert-butyl-4-hydroxyphenyl) propionamide]

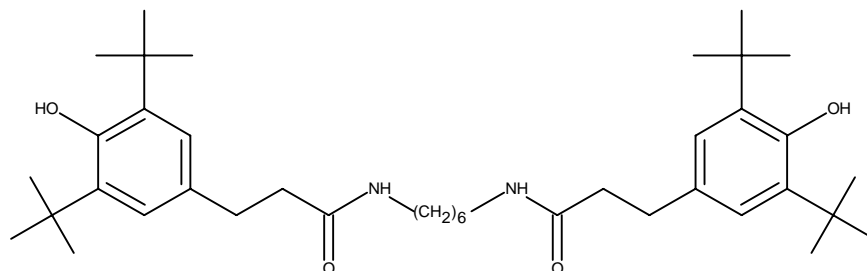
Equivalent: Irganox 1098 (Ciba SC)/ Lowinox HD98 (Chemtura)

Molecular formula: C₄₀H₆₄N₂O₄

Molecular weight: 636.96

CAS No.: 23128-74-7

Structural formula:



PHYSICAL PROPERTIES

Appearance: White crystal powder

Melting range: 156 ~ 161.5 °C

Solubility (g/100g solvent), @20 °C

Water: 0.01

Benzene: 0.01

Acetone: 2.8

Flash point: 540 °C

Bulk density: (g/cm³), @20 °C: 1.04

Methanol: 6.0

N-hexane: 0.01

SPECIFICATIONS

Appearance: White powder

Melting point: 156 ~ 161 °C

Volatile: 0.5% max

Ash: 0.1% max

Transmittance (425nm): 97.0% min

Transmittance (500nm): 98.0% min

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

Assay: 99% min

APPLICATIONS

Plaox-1098 is widely used in nylon 6, nylon 66, PE, PP, PA, rubber, etc. It is of low volatility and good extraction-resistance in hot water. The dosage is recommended to be 0.1~0.5 phr.

PACKING

25kg/bag