

Antioxidant Plaox-1010

Chemical name: Tetrakis [methylene-3-(3, 5-di-tert-butyl-4-hydroxyphenyl -propionate)] methane

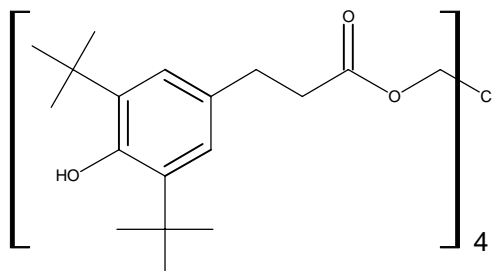
Equivalent: Irganox 1010 (Ciba SC)/ Anox 20 (Chemtura)

Molecular formula: C₇₃H₁₀₈O₁₂

Molecular weight: 1177.6

CAS No.: 6683-19-8

Structural formula:



PHYSICAL PROPERTIES

Appearance: White powder

Melting range: 110 ~ 125 °C

Solubility (g/100g solvent), @20 °C

Water: 0.01

Ethyl acetate: 47

Toluene: 60

Acetone: 47

N-Hexane: 0.3

Flash point: 297 °C

Specific gravity (g/cm³), @20 °C: 1.15

Ethanol: 1.5

Chloroform: 71

Methanol: 0.9

Methylene Chloride: 63

SPECIFICATIONS

Appearance: White crystalline powder

Melting point: 110.0 ~ 125.0 °C

Volatile: 0.5% max

Ash: 0.1% max

Transmittance (425nm): 96.0% min

Transmittance (500nm): 98.0% min

Clarity test: Clear

Assay: 98.0% min

APPLICATIONS

Plaox-1010 is widely used for PE, PP, PC, POM, ABS resin and so on. The dosage is recommended to be 0.1 ~ 0.5 phr.

PACKING

25kg/bag