Antioxidant Plaox-1076

Chemical name: n-Octadecyl- β -(4-hydroxy-3,5-di-tert-butyl-phenyl)-propionate

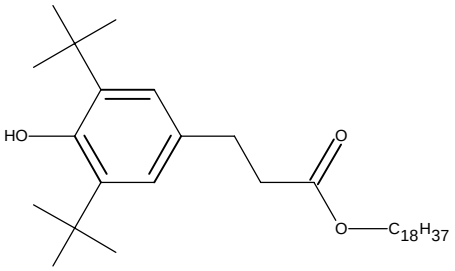
Equivalent: Irganox 1076 (Ciba SC)/ Anox PP18 (Chemtura)

Molecular formula: $C_{35}H_{62}O_3$

Molecular weight: 531

CAS No.: 2082-79-3

Structural formula:



PHYSICAL PROPERTIES

Appearance: White crystal powder or granules

Melting range: 50 ~ 55 °C

Solubility (g/100g solvent), @20 °C

Water: <0.01

Benzene: 57

Acetone: 19

Flash point: 273 °C

Bulk density (g/cm^3): 0.3 ~ 0.5

Chloroform : 57

Toluene: 0.6

Alcohol: 1.5

SPECIFICATIONS

Appearance: White crystal powder or granules

Melting point: 50.0 ~ 55.0 °C

Volatile: 0.5% max

Ash: 0.1% max

Transmittance (425nm): 98.0% min

Transmittance (500nm): 99.0% min

Clarity test: Clear

Assay: 98.0% min

APPLICATIONS

Plaox-1076, with good synergistic of Plaox-168, Plaox-DLTDP, can retard heated degradation and oxidative degradation of polymer substances during processing and in end application. It can be widely used for PE, PP, POM, ABS resin and other compound resin, compound rubber and petrochemical products. The dosage is recommended to be 0.1 ~ 0.5 phr.

PACKING

25kg/bag