

Antioxidant Plaox-DLTDP

Chemical name: DiLauryl ThioDiPropionate

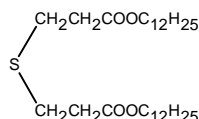
Equivalent: Irganox PS800 (Ciba SC)/ Lowinox DLTDP (Chemtura)/ Cyanox LTDP (Cytec)

Molecular formula: C₃₀H₅₈O₄S

Molecular weight: 515

CAS No.: 123-28-4

Structural formula:



PHYSICAL PROPERTIES:

Appearance: White powders

Melting range: 38 ~ 41 °C

Solubility (g/100g solvent), @20 °C

Water: Insoluble

Toluene: Soluble

Chloroform: Soluble

Flash point: 150 °C min

Specific gravity (g/cm³), @20 °C: 0.895

MEK: Soluble

Alcohols: Insoluble

Hexane: Soluble

SPECIFICATIONS

Appearance: White powders

Melting point: 39.5 ~ 41.5 °C

Ash: 0.01% max

Loss on drying: 0.05% max

Iron: 5 ppm max

Acid value (mg KOH/g): 0.05 max

Color (Pt-Co), melton: 60 max

APPLICATIONS

Plaox-DLTDP is a good auxiliary antioxidant and is widely used in PP, PE, PVC, ABS rubber and lubricating oil. It has synergistic effect with phenolic antioxidants to prolong the life of the final products.

PACKING

25kg/bag