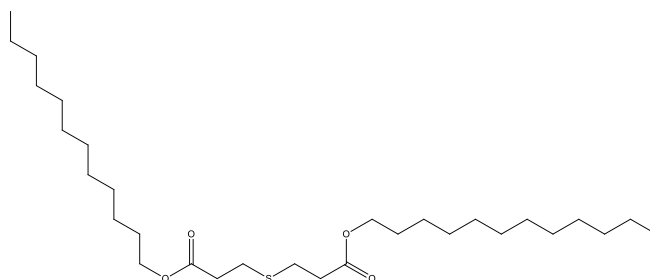


Technical Data Sheet

SUNNOX DLTDP

Dilauryl thiodipropionate

Description



Chemical Name Dilauryl thiodipropionate
CAS # 123-28-4

Formula $C_{30}H_{58}O_4S$
Mol. wt. 514.84

Specifications

Item	Specification
Appearance	White Powder
Assay (%)	Min. 95.0
Melting Point (°C)	39.0 ~ 42.0
Acidity (mgKOH/g)	Max. 0.5
Loss on Drying (%)	Max. 0.5
Transmittance (%)	
425nm	Min. 97.0
500nm	Min. 98.0

Applications

1. It is used as a stabilizer for polyolefin and polyethylene applications. It improves the weather and heat resistance of the products and protects them against loss of hardness or deterioration in high-temperature processes.
2. It provides good utility as an Antioxidant for polypropylene and polyethylene film for Food wrappings. Limit of addition of the substance to food as a result of use in food wrappings is 0.005%.
3. It can also be used as an antioxidant for fats & oils.
4. It can also be used as an antioxidant for PVC, acrylic resin, ABS resin and other plastics.
5. It has been successfully used as an additive for lubricating oils.
6. It can also be used as a plasticizer for natural and synthetic rubber or plastics.

Delivery & Storage

Package As required
Storage Keep package closed. Store dark and dry.