



Dalian Richfortune Chemicals Co., Ltd.

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Tel: +86-411-84820922/84821539
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Product Name: Antioxidant DLTOP(PS802)

Chemical Name: Distearyl thiodipropionate

CAS No: 693-36-7

Molecular formula: $C_{42}H_{82}O_4S$

Molecular Weight: 683.16

Package: 25kg/cardboard drum with plastic lining

Specification

Item	Index
Appearance	white crystal powder
Melting point ()	65-67
Boiling point () at 760 mmHg	704.8
Flash point ()	323.7
crystallizing point ()	63.5-68.5
Acid value mg KOH/g $\leq$	0.05
Assay % $\geq$	99
Volatile matter % $\leq$	0.5
Ash % $\leq$	0.1
Density g/cm ³	0.919

Properties: White crystal powder. Soluble in benzene, chloroform, carbon disulfide and carbon tetrachloride, and difficult to soluble in DMF and toluene, insoluble in acetone, ethanol and water.



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Used: A good auxiliary antioxidant and is widely used in polypropylene, polyethylene, polyvinyl chloride, ABS rubber and lubricating oil. It has high-melting and low- volatility. It can be used in combination with phenolic antioxidants and ultraviolet absorbers to produce synergistic effect.

Storage Notes: Stored in cold, dry, good ventilated place, avoid direct sunlight.