

Dalian Richfortune Chemicals Co., Ltd.

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Light Stabilizer 770

Chemical name : Bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate

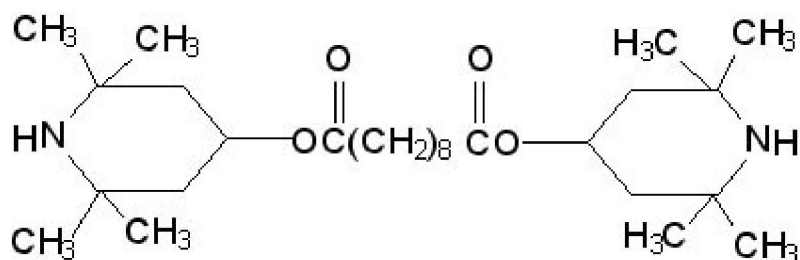
Introduction : LS-770 is a hindered amine light stabilizer (HALS), is used for polypropylene (tapes, films, thick items), polyethylene (thin and thick items) styrenics (acrylonitrile butadienestyrene, polystyrene, high impact polystyrene), polyurethane, polyacetal, polyamide.

Details:

Molecular formula: $C_{28}H_{52}O_4N_2$

CAS NO : 52829-07-9

Structure :



Properties:

Molecular Weight : 481 Appearance : white crystals

Melting Range : 81-85 °C Flashpoint : >150 °C

Specific Gravity(20 °C) : 1.05 g/cm³

Applications:

1. Polypropylene : ABS : 0.3-0.5wt% based on polymer weight

PS : 0.2-0.3wt% based on polymer weight



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HIPS : 0.2-0.3wt% based on polymer weight

2. High density polyethylene : 0.2-0.3wt% based on polymer weigh

3. Polyamide : 0.2-0.3wt% based on polymer weigh

4. Polyester : 0.2-0.3wt% based on polymer weigh

Packing : LS-770 is available in powder form in a 25kg fiber drum or 25kg carton with an inner PE liner.