

Technical Data Sheet

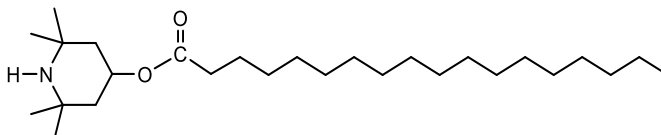
Light stabilizer 3853 (HALS)

Chemical Name: 2,2,6,6-tetramethyl-4-piperidiny l stearate /

A mixture of: 2,2,6,6-tetramethylpiperidin-4-yl-hexadecanoate; 2,2,6,6-tetramethylpiperidin-4-yl-octadecanoate (EU)

CAS NO.: 167078-06-0 / 86403-32-9 (EU)

Structure:



Features

Light stabilizer 3853 is a low molecular weight hindered amine light stabilizer, compared with other low molecular weight hindered amine light stabilizers, the product has excellent compatibility and solubility in polyolefin resin, which greatly reduces the release and frosting of resin.

Applications

The product is suitable for most polymers, including PP injection, film and tape products. It can also be used as a light stabilizer in POM, PA and PS, and can also be made into concentrated master batch which convenient for handling and using during the processing.

Typical properties

Appearance	White waxy solid
Purity	≥98.0%
Melting point	≥28°C
Light transmittance	≥97% (425nm) ≥98% (450nm) ≥98% (500nm)
Chroma	≤30 Hazen
Loss on drying	≤0.5%
Ash	≤0.1%
Saponification value	128-137mgKOH/g

Package & Storage

Package: 180kg bucket or as customer`s requirement.

Storage: Keep container tightly closed in a dry and well-ventilated place.

Safety

The use of proper protective equipment is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling.
 All safety information is provided in the Safety Data Sheet.