

Ultraviolet light stabilizer for plastics.

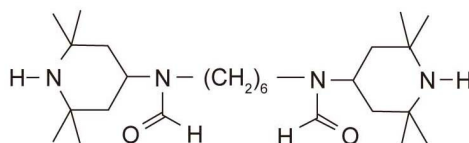
LIGHT STABILIZER

1. General

Chiguard® 4050 belongs to the family of hindered amine light stabilizers (HALS) which provides protection on plastics against UV radiation. Unlike other HALS, Chiguard® 4050 is particularly suitable for the stabilization of thick-walled PP molding and PP fibers.

2. Properties

Structure :



CAS Name : N,N'-bisformyl-N,N'-bis-(2,2,6,6-tetramethyl-4-piperidiny)-hexamethylenediamine
CAS No. : 124172-53-8
Molecular weight : 450 g/mol

3. Physical Data

Appearance : White crystalline powder
Melting Point : 155 - 160 °C
Density : 1.08 g/cm³ @20 °C

4. Solubility

(g in 100 ml solvent)

Acetone : 0.3
Chloroform : 6
Ethyl acetate : 0.3
N-hexane : <0.01
Methanol : 11
Methyl ethyl ketone : 6
Water : 0.5

5. Specification

Appearance : White crystalline powder
Assay : 99% min.
Melting Point : 155 - 160 °C
Transmittance : 95% min. @425 nm
97% min. @500 nm
Volatiles : 0.5% max.

6. Packaging

25 kg net/carton