

Application

Chiguard[®] 106 is a hindered amine light stabilizer for polymers, such as PE (film, tape, sheet, molded and fiber), PP, polyacetals, polyamides, PET, PBT, ABS, HIPS and PMMA. It can be used alone or in combination with UV absorbers to provide the long term stabilization performance.

Performance benefits:

- Minimal color contribution
- Low volatility
- Excellent compatibility with other HALS and UVAs
- Good solubility/migration balance
- FDA compliant for indirect food contact applications

Specification

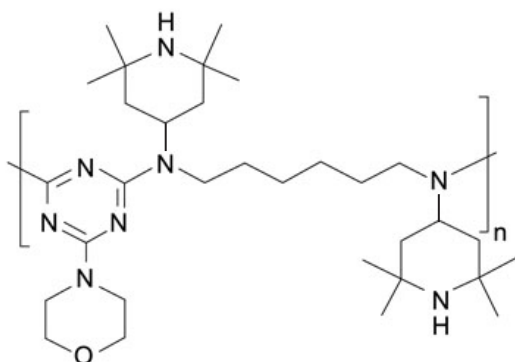
Appearance	: White to off-white powder
Melting point	: 110 °C min.
Volatiles	: 1.0% max.
Transmittance	: 90% min @450nm
Color (APHA)	: 100 max.

Physical Data

Odor	: Faint
Boiling point	: > 450 °C
Flash point	: 246.8 °C

Chemical Information

Structure



Chemical name

Poly [(6-morpholino-s-triazine-2,4-diyl [2,2,6,6-tetramethyl-4-piperidyl] imino)- hexamethylene [(2,2,6,6-tetramethyl-4-piperidyl) imino]]

CAS No. 82451-48-7

Molecular weight 1600 ± 10%