

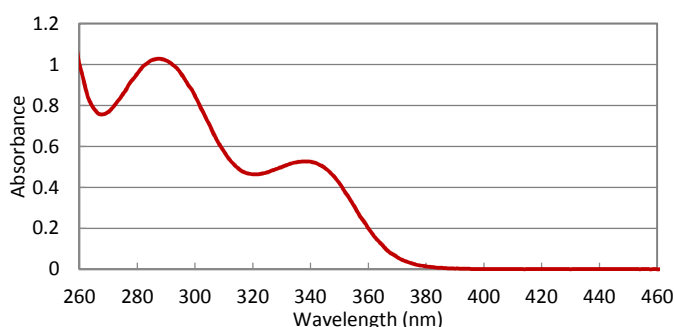
Introduction

Chiguard® HP-1011 is a blend of UV light stabilizers designed specifically for the protection of polyolefin from the damage of UV light which offers extraordinary UV stabilizing efficacy, low initial color contribution, minimal color shift on UV exposure, and delivers excellent long-term thermal stabilization.

Applications

- HDPE / LDPE / LLDPE
- PP
- TPV and TPO
- Pipes, Hoses & Fittings
- Extruded sheet
- Injection molded
- Blow molded
- Rotational & Slush molded

UV Spectrum



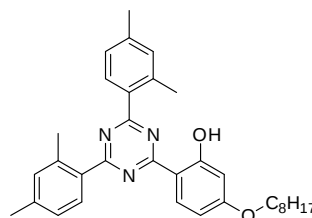
Appearance



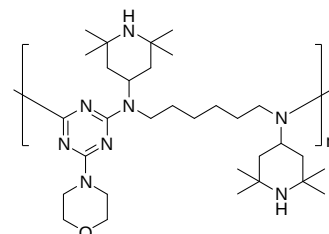
Chemical Information

Structure

a. 2725-22-6



b. 82451-48-7



Chemical Name

a. 2-[4,6-bis(2,4-dimethylphenyl)-1,3,5-triazin-2-yl]-5-(octyloxy)phenol

b. 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]]

Specification

Appearance : Off white to pale yellow pastilles

Volatiles : 0.5% max.

Color (Hazen) : 200 max.

TGA (10% loss) : 343°C min.

Solubility (g in 100ml solvent)

Ethyl acetate : 0.35

Acetone : < 0.01

Methanol : < 0.05

Toluene : 20

Water : < 0.05

Performance Data

