

SPERSESTAB™ 5020 UV STABILIZER

INTERSPERSAL

SperseStab™ 5020 is a high molecular weight hindered amine light stabilizer (HALS) designed for use as a light stabilizer in plastics and synthetic fibers.

Performance benefits

- Provides superior light stability and long-term thermal stability in polyolefins
- No adverse effects on color yield in pigmented systems
- Excellent processability in thin-section applications (fibers, films, tapes)

Chemistry and typical properties

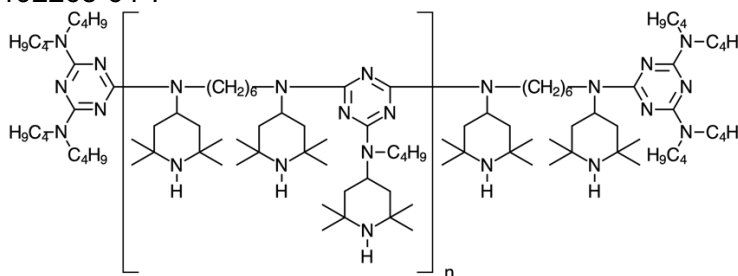
Chemical name

1,6-Hexanediamine, N,N'-bis(2,2,6,6-tetramethyl-4-piperidinyl)-, polymer with 2,4,6-trichloro-1,3,5-triazine, reaction products with, N-butyl-1-butanamine and N-butyl-2,2,6,6-tetramethyl-4-piperidinamine

CAS No.

192268-64-7

Chemical structure



Appearance

yellowish pellets

Melting range

130-136°C

Specific gravity

1.01

Applications

- Polypropylene thick sections, films, fibers
- Polyethylene thick sections, films, tapes
- Formulations containing mineral fillers and/or carbon black

Guidelines for use

Plastic/fiber applications: 0.05-1% by weight

Contact us for a custom recommendation for your application.

Storage, health, and safety

Consult the safety data sheet (SDS) for conditions for safe storage and other important health and safety information. Review the SDS prior to handling or using this product.

Important notice

The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE. Nothing herein is to be taken as permission, inducement or recommendation to practice any patented invention without a license.