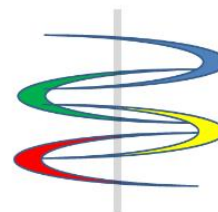


PRODUCT DATA



INTERSPERSAL

SperseStab™-1680 Thermal Stabilizer

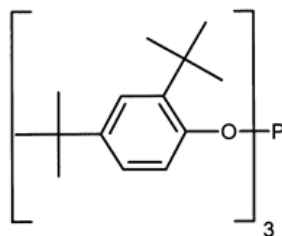
Overview

SperseStab 1680 is a phosphite antioxidant for use in a wide variety of polymers and lubricants. It's higher molecular weight, low volatility and hydrolytic stability combined with attributes associated with its physical form provides for greater permanence, compatibility and dispersion.

Chemical Name: Tris(2, 4-di-tert-butylphenyl)phosphite

CAS Number: 31570-04-4

Chemical Structure:



Properties

Product form:	Micro-bead
Melt point	183-187°C
Assay	99% Min
Specific Gravity(20C)	1.03 g/m ³
Vapor Pressure	1 x 10 ⁻¹⁰ mm Hg
Transmittance (425nm)	97% min
Transmittance (500nm)	98% min
Volatility	<0.3% max
Molecular Weight:	647

Characteristics & Usage

- Synergistic with primary antioxidants (i.e. SperseStab® 1010 or SperseStab® 1077)
- Compatible with a wide range of organic substrates
- Improvement of process and high temperature stability
- Low volatility
- Highest hydrolytic stability
- Prevents discoloration
- Protects polymers from chain scission and crosslinking
- Resistant to hydrolysis
-

Storage

This product may be stored up to two years in a sealed container. Containers should be kept tightly closed when not in use and stored in a cool, dry place.

Safety

Please consult the Safety Data Sheet (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.

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