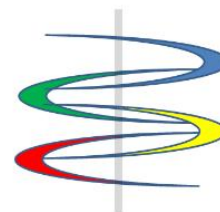


PRODUCT DATA



SperseStab™-1245 Antioxidant

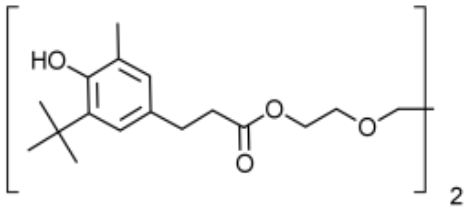
INTERSPERSAL

Antioxidant for Plastics

Overview

SperseStab 1245 is a slightly less hindered phenol antioxidant that provides increased activity compared to other hindered phenols. It provides excellent process and long term stability and has excellent color and solubility in engineering resins including POM, PA, polyester and polyurethanes. It can be used in combination with other antioxidants, UV Stabilizers and UV absorbers. Of particular note are combinations with SperseStab 1680 as well as combinations with HALS.

Chemistry

Chemical Name:	Ethylenebis(oxyethylene)bis-(3-(5-tert-butyl-4hydroxy-m-tolyl)-propionate)
CAS Number:	36443-68-2
Chemical Structure:	

Typical Properties

Product Form:	Solid
Melting Range:	76-79°C
Molecular Weight	586.8 g/mol
Color:	White powder

Applications

Effective for use in a wide variety of polymers such as POM, polyamides, polyurethanes, PVC as well as styrenics. Styrenic polymers include; ABS, HIPS, SBS and SBR.

Solubility

Acetone	>50	Methanol	12
Benzene	18	Methylene Chloride	>40
Ethyl Acetate	37	Styrene	6
Ethanol	10	Hexane	<0.01
Chloroform	>40	Water	<0.001

Advantages

- excellent in combination with phosphites and thioethers.
- compatibility with a large number of polymers.
- partially hindered structure provides greater activity
- low color contribution.
- excellent compatibility and solubility in polar resins

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.

FDA Regulations

Please contact your Interspersal Inc representative for complete details, including restrictions of use.

Important notice

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