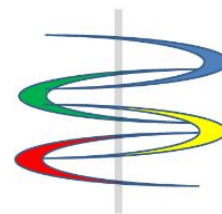


Product Data



INTERSPERSAL

SperseStab™-2000 Thermal Stabilizer and synergist

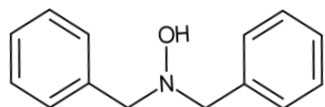
Overview

SperseStab 2000 is a unique hydroxylamine antioxidant for use in a wide variety of polymers. It offers excellent compatibility with phenolic and phosphite antioxidants and can even be used in combination with thiosynergists for demanding thermal applications. Its use can protect against melt flow changes as well as protection from gas fading.

Chemical Name: Di-benzyl hydroxyl amine

CAS Number: 621-07-8

Chemical Structure:



Properties

Product form:	white to off white powder
Melt point	115-125°C
Assay	98% Min
Specific Gravity(20C)	0.9 g/m ³
Volatility	<0.3% max
Molecular Weight:	213.27

Characteristics & Usage

Synergistic with primary antioxidants (i.e. SperseStab® 1010 or SperseStab® 1680, DSTDP and can be used at levels as low as 500ppm

Compatible with a wide range of organic substrates

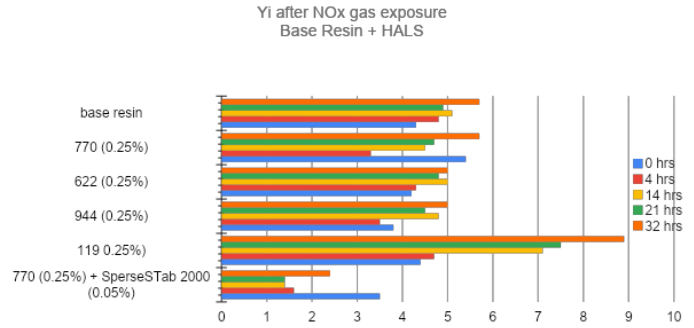
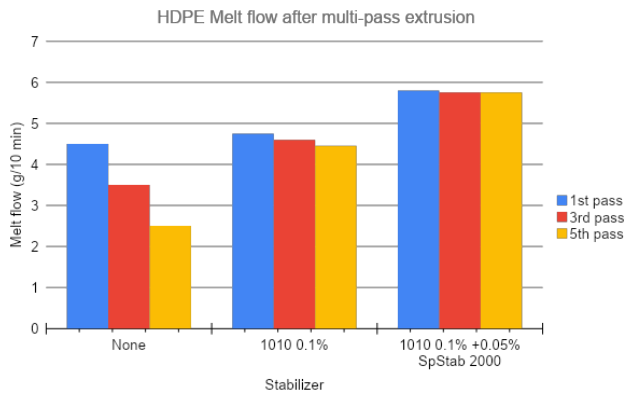
Greatly reduces the probability of gas fading

Melt flow retention of PE and PP

Prevents discoloration

High molar efficiency compared to other antioxidants estimated at 6 mols / mol.

Can be used as surface treatment for fibers such as lycra and spandex



The graphs above show the retention of properties and color with a small addition of SperseStab 2000 to a traditional AO package.

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.