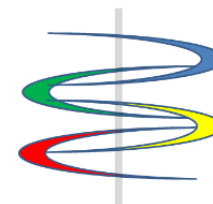


Product Data



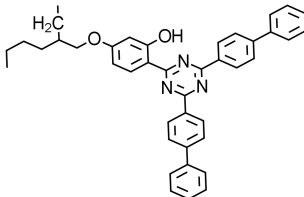
INTERSPERSAL

SPESESTAB™-3616 UV Absorber

Overview

SPESESTAB-3616 is a Hydroxy Phenol Triazine class UV absorber, which is highly effective for the light stabilization of plastics including polycarbonate, polyethylene terephthalate and PMMA. It protects the polymers from UV radiation helping to preserve the original appearance and physical integrity.

Chemistry

Chemical Name:	Phenol, 2-[4,6-bis([1,1'-biphenyl]-4-yl)-1,3,5-triazin-2-yl]-5-[(2-ethylhexyl)oxy]-
Synonym:	2,4-Bis(4-biphenyl)-6-[2-hydroxy-4-(2-ethylhexyloxy)phenyl]-
CAS Number:	204583-39-1
Chemical Structure:	

Typical Properties

Product Form:	Solid
Melting Range:	71.0– 76.0°C
Molecular Weight:	605.8 g/mol

Solubility (grams/ L, 20°C)

Acetone	2.4	Ethanol	8.7
THF	540	Methylene chloride	547
ethyl acetate	22.8	Water	<0.01
MMA	75		

Applications

SPESESTAB-3616 is ideal in the light stabilization of polycarbonate and other engineering materials where plate-out is of concern. Due to its high molecular weight and low volatility the product does not have this issue even in high concentration in co-extruded laminates. SPESESTAB-3616 may also be used in PVC applications including films and sheets. In addition due to the high molar

absorptivity and photo permanence the product may be used at lower concentrations than competitive UV Absorber.

Guidelines for Use

TinuSPESESTAB-3616 may be used at concentrations from (0.2 – 6 % by weight) and may be readily incorporated into the polymer via, e. g. powder, solution, or melt blending. It can be used alone or in combination with other functional additives such as antioxidants (hindered phenols, phosphites) and HALS light stabilizers, where often a synergistic performance is observed.

Storage

This product may be stored for 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.

Interspersal Inc
www.Interspersal.com
+1 (724) 485-9350