

M Chemical GUARD DOGâ„¸ UV292 HALS Light Stabilizer

Category : Fluid , Other Engineering Material , Additive/Filler for Polymer

Material Notes:

GUARD DOGâ„¸ UV292 is a highly effective hindered amine light stabilizer that protects polymers against degradation caused by exposure to UV radiation. Applications: This UV stabilizer is mainly used in Liquid Color Concentrates, Coatings, Printing Ink, Polyolefins, Polyurethane, Sealants, Adhesives, Elastomers, Unsaturated Polyesters, Acrylics and Styrenics. This stabilizer prevents automotive coatings from blowing-out and surface peeling. Also it is found to have a synergistic effect when used in combination with benzotriazole-type UV absorbers. Typical Properties: Product Form - Pale yellow liquid

Order this product through the following link:

http://www.lookpolymers.com/polymer_M-Chemical-GUARD-DOG-UV292-HALS-Light-Stabilizer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.9925 g/cc	0.9925 g/cc	
	@Temperature 20.0 Å°C	@Temperature 68.0 Å°F	
Solubility	>= 0.10 ppm	>= 0.10 ppm	Water
Molecular Weight	369.54 g/mol	369.54 g/mol	C₂₁H₃₉NO₄
	508.8 g/mol	508.8 g/mol	C₃₀H₅₆N₂O₄

Thermal Properties	Metric	English	Comments
Melting Point	19.0 - 21.0 Å°C	66.2 - 69.8 Å°F	
Boiling Point	220 Å°C	428 Å°F	
	@Pressure 0.0000267 MPa	@Pressure 0.00387 psi	
Flash Point	>= 150 Å°C	>= 302 Å°F	Ignition

Optical Properties	Metric	English	Comments
UV Transmittance	>= 97 %	>= 97 %	10g/100ml of Toluene
	@Thickness 0.425 mm	@Thickness 0.0167 in	
	>= 99 %	>= 99 %	10g/100ml of Toluene
	@Thickness 0.500 mm	@Thickness 0.0197 in	

Descriptive Properties	Value	Comments
CAS Number	41556-26-7 & 82919-37-7	

Molecular Descriptive Properties	Value	Comments
Name	Bis-(1,2,2,6,6-pentamethyl-4-piperdyl) sebacate & Methyl 1,2,2,6,6-pentamethyl-4 piperdyl sebacate	
Recommended Dosage	1 - 2%	depending upon the substrate and performance requirements

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China