

Suqian Unitechm Hindered Amine Light Stabilizer 770

Category : Other Engineering Material , Additive/Filler for Polymer

Material Notes:

Chemical Name: Bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate CAS NO.: 52829-07-9 Molecular Formula: C₂₈H₅₂O₄N₂ Applications: LS770 is recommended to be used in polypropylene, impact modified PP(TPO), EPDM, polystyrene, impact polystyrene, ABS, SAN, ASA and polyurethanes and is also effective in polyamides and polyacetals. Features/Benefits: LS770 is a low molecular weight hindered amine light stabilizer that provides excellent light stability for thick sections and films in the recommended substrates. Benefits of using LS770 include the high light-stabilizing performance, particularly in PP thick sections. It has broad compatibility and can be easily dispersed. Compared to conventional UV-absorbers, the effectiveness of LS770 is less dependent on the polymer's thickness. For this reason, the use of LS770 also provides good light stability in articles with higher specific surface, e.g. films and tapes. Information Provided by Suqian Unitechm Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Suqian-Unitechm-Hindered-Amine-Light-Stabilizer-770.php

Physical Properties	Metric	English	Comments
Volatiles	<= 0.50 %	<= 0.50 %	
pH	9.67	9.67	1% suspension in water 20-25Å°C
Molecular Weight	480.74 g/mol	480.74 g/mol	
Ash	<= 0.10 %	<= 0.10 %	

Thermal Properties	Metric	English	Comments
Melting Point	81.0 - 86.0 Å°C	178 - 187 Å°F	

Optical Properties	Metric	English	Comments
Transmission, Visible	>= 98 %	>= 98 %	425nm
	>= 99 %	>= 99 %	500nm

Descriptive Properties	Value	Comments
Appearance	White powder or granule	
Purity (%)	>99.0	

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