



Dalian Richfortune Chemicals Co., Ltd.

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UV-327(Benzotriazole UV Absorber)

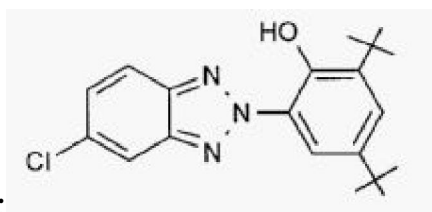
Chemical name : 2-(2'-Hydroxy-3',5'-di-tert-butylphenyl)-5-chlorobenzotriazole

Introduction: UV-327 is a benzotriazole type ultraviolet light absorber (UVA), imparting good light stability for plastics and other organic polymers. UV-327 is recommended in a variety of polymers and organic substrates, including acrylic polymers, polycarbonate, polyesters, styrene homo- and copolymers, unsaturated polyesters, polyvinyl chloride, polyolefins, polyvinyl butyral, elastomers, and adhesives.

Details:

Molecular formula: $C_{17}H_{18}N_3OCl$

CAS NO : 3864-99-1



Structure :

Properties:

Molecular Weight : 357.9 Appearance : slight yellow powder

Melting Range : 154-157 °C

Transmittance (%) : 460nm≥95 500nm≥98

Applications:

1. Unsaturated Polyester : 0.2-0.5wt% based on polymer weight



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2.PVC: Rigid PVC : 0.2-0.5wt% based on polymer weight

Plasticized PVC : 0.1-0.3wt% based on polymer weight

3.Polyurethane : 0.2-1.0wt% based on polymer weight

4.Polyamide : 0.2-0.5wt% based on polymer weight

Packing:UV-327 is available in powder form in a 25 kg fiber drum or 25kg carton with an inner PE liner.