



# Dalian Richfortune Chemicals Co., Ltd.

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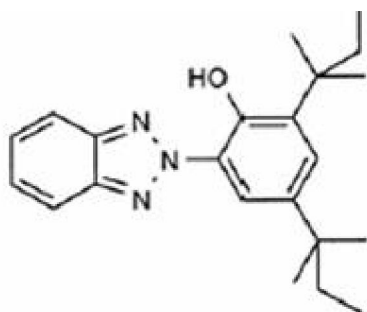
## UV-328(Benzotriazole UV Absorber )

**Chemical name :** 2-(2'-Hydroxy-3', 5'-di-tert-amylphenyl) benzotriazole

**Introduction:** UV-328 is a benzotriazole type ultraviolet light absorber (UVA), imparting good light stability for plastics and other organic polymers. it protects polymers as well as organic pigments from UV radiation helping to preserve the original appearance and physical integrity of molded articles, films, sheets, and fibers during outdoor weathering.

Molecular formula:  $C_{22}H_{29}N_3O$

CAS NO : 25973-55-1



Structure :

### Properties:

Appearance : slight yellow powder    Melting Range : 80-88 °C

Transmittance (%) : 440nm 97    500nm 98

### Applications:

1. Unsaturated Polyester : 0.2-0.5wt% based on polymer weight
2. PVC: Rigid PVC : 0.2-0.5wt% based on polymer weight
- Plasticized PVC : 0.1-0.3wt% based on polymer weight



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

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

## **Packing:**

UV-328 is available in powder form in a 25kg fiber drum or 25kg carton with an inner PE liner.