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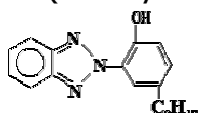
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Technical Data Sheet

UV Absorber SH-UV329

1. Description

2-(2'- Hydroxy -5'-tert-octylphenyl)Benzotriazole



Chemical Formula: C₂₀H₂₅N₃O

CAS NO. : 3147-75-9

This product is an excellent high-efficiency, aging-preventing agent, capable of absorbing the ultraviolet radiation of 270-340 nanometers, It can be applied to plastic containers and food packing boxes as packaging materials, provide them good light-stabilizing effect. Dosage:0.1-0.5% for thin products and 0.05-0.2% for thick products.

2. Technical Specification

Item	Value
Appearance	White Powder
Content(wt%)	≥99
Melting Point	101-106
Ash(wt%)	≤ 0.1
Transmittance(wt%)	425nm :≥97; 500nm: ≥98

3. Application

Widely applied to PE, PVC, PP, PS, PC, polypropylene fiber, ABS resin, epoxy resin, resin fiber and ethylene -vinyl acetate etc. It can be applied to plastic containers and food packing boxes as packaging materials.

4. Storage and Packing

It is packed in cardboard drum lined with plastic bags with the net capacities of 25 kg and 50 kg; it can also be packed according to customers' requirements.

UV329 is nontoxic , fire-resistive, explosive-resistive, and well stable in storing.