

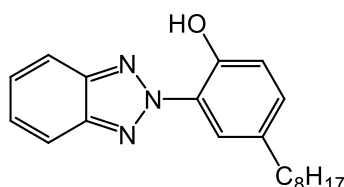
Technical Data Sheet

Ultraviolet Absorber 329 (UV-A)

Chemical Name: 2-(2'-Hydroxy-5'-tert-octylphenyl)-benzotriazole

CAS NO.: 3147-75-9

Structure:



Features

UV Absorber 329 is a strong absorber of ultraviolet radiation in the 300-400nm region. It has a low volatility, and especially has good performance in transparent products and high temperature processing engineering plastics.

Applications

The product is mainly used for polyolefin, PET, PVC, PP, PS, PC, PP fiber, ABS resin, epoxy resin, resin and ethylene vinyl acetate, etc., to protect the polymer from ultraviolet radiation. It improves the anti-aging properties for film, sheet, molding products, fiber products to maintain its appearance and mechanics performance. It can be used together with phenolic antioxidant, phosphite ester antioxidant and hindered amine light stabilizer. Especially suitable for colorless transparent and light products.

Typical properties

Appearance	Light yellow powder
Purity	≥98.5%
Light transmittance	≥97% (440nm) ≥98% (500nm)
Melting point	103-105.3°C
Loss on drying	≤0.3%
Ash	≤0.1%

Package & Storage

Package: 25kg carton inner with plastic bag or as customer's requirement.

Storage: Keep container tightly closed in a dry and well-ventilated place.

Safety

The use of proper protective equipment is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling.
 All safety information is provided in the Safety Data Sheet.