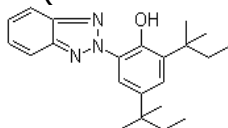


Technical Data Sheet

UV Absorber SH-UV328

1.Description

2-(2H-benzotriazol-z-yl)-4,6-di-tert-pentylphenol



Chemical Formula: C₂₂H₂₉N₃O

CAS NO. : 3896-11-5

UV328 is a high performance Ultraviolet Absorber. Its maximum ultraviolet absorption peak is 345nm, its light stability is similar to UV-326 and UV-327, but this product has good dissolubility with the resins. Its heat volatility is low and its durability to washing is very good.

2.Technical Specification

Item	Value
Appearance	Light Yellow Powder
Content(wt%)	≥99
Melting Point	79-88
Loss on Drying(wt%)	≤ 0.5
Ash(wt%)	≤ 0.1
Transmittance(wt%)	425nm :≥97; 500nm: ≥98

It can dissolve in benzene, toluene, ethyl acetate and petroleum ether, slightly dissolve in ethanol and methyl alcohol, can not dissolve in water.

3.Application

It is mainly used in polyethylene, polypropylene, polystyrene, polyvinyl chlornamee, polyester, epoxy resin, ABS resin and cellulosic resin, etc., about 1% of general consumption. Has a fine light stability too in various kinds of coating.

4.Storage and Packing

Cardboard drum inner lining plastic bag, each drum 25kg net weight. UV328 is nontoxic, unflammable, unexplosive and incorrosive, has good storage stability.