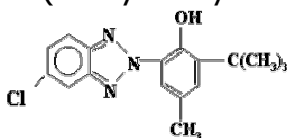


Technical Data Sheet

UV Absorber SH-UV326

1. Description

2-(2'-hydroxy-3'-tert-butyl-5'-methylphenyl)-5-chlorobenzotriazole



Chemical Formula: C₁₇H₁₈N₃OCl

CAS NO. : 3896-11-5

This product almost does not absorb visible light, particularly applicable to colorless transparent products and colored products. Dosage: 0.1-0.5% for thin products and 0.05-0.2% for thick products. It can be applied to plastic products for packing foods.

2. Technical Specification

Item	Value
Appearance	Light Yellow Powder
Content(wt%)	≥99
Melting Point	138-141
Loss on Drying(wt%)	≤ 0.5
Transmittance(wt%)	425nm : ≥97; 500nm: ≥98

Solubility At 20 °C (g/100ml solvent): Acetone, 1%; Benzene, 10.5%; Chloroform, 11.0%; Cyclohexane, 6.4%; Ethyl Alcohol, 0.1%; Ethyl Acetate, 2.0%; n-Hexane, 1.0%; Methanol, 0.1%; Methylene Chloride, 4.3%; MEK, 13.3%; Toluene, 11.3%; Water, <0.01%

3. Application

UV radiation with the wavelength of 270-380 nanometers, mainly applied to polyvinyl chloride, polystyrene, unsaturated resin, polycarbonate, poly (methyl methacrylate), polyethylene, ABS resin, epoxy resin and cellulose resin.

4. Storage and Packing

It is packed in cardboard drum lined with plastic bags with the capacity of 20 kg per drum and can also be packed according to customers' requirements.

This product is nontoxic, inflammable, incompressible and stable in storage.