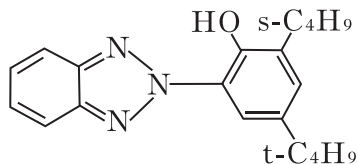




SUNSORB 350

Chemical Name: 2-(2'-hydroxy-3'-s-butyl-5'-t-butyl-phenyl)benzotriazole

Chemical Structure:



Chemical Formula: C₂₀H₂₅N₃O

Molecular Weight: 323

CAS NO: 36437-37-3

Specification:

Appearance: Slightly yellowish powder or granule

Melting point: 83-87°C

Solubility (30% in ethylacetate): Clear without residue

Turbidity of solution (30% in ethylacetate): 5NTU max

Color of solution (2g/20ml ethylacetate): 440nm 95.0% min
(Transmission) 460nm 97.0% min
500nm 98.0% min

Loss on drying: 0.5% max

Assay (by GC): 99.0% min

Heavy metal content: 10ppm max

Ash: 0.1% max

Package: 50kgs Net/Carton inner with 2 PE bags

Application: Sunsob 350 light stabilizer is a unique photostabilizer that is effective in a variety of polymeric systems, particularly in polyesters, polyvinyl chlorides, styrenics, acrylics, polycarbonates, and polyvinyl butyal. Sunsob 350 light stabilizer is especially noted for its broad range UV absorption, low color, low volatility, and excellent solubility. Typical end-uses include molding, sheet, and glazing materials for window lighting, sign, marine and auto applications. Specialty applications for Sunsob 350 light stabilizer include coatings (particularly thermosets where low volatility is a concern), photo products, sealants, and elastomeric materials.