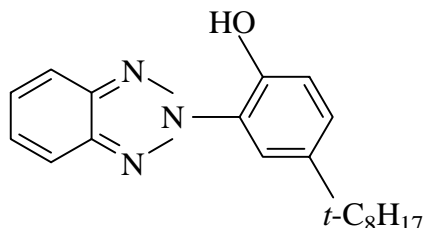


SUNSORB 5411

Chemical Name 2-(2'-hydroxy-5'-*t*-octylphenyl) benzotriazole

Formula C₂₀H₂₅N₃O

Structure



Molecular Weight 323

CAS Number 3147-75-9

Specification	<u>Criterion</u>	<u>Requirement</u>
	Appearance	White crystalline powder
	Melting Point (°C)	103 – 107 °C
	Solution (100g / 100ml Toluene)	Clear
	Loss on drying	0.3% max
	Ash	0.1% max
	Odor	Odorless
	Assay (by G.C)	99% min

Solubility (Grams per 100 grams of solvent at 25°C)

Benzene	: 65	Ethyl Acetate	: 27.2
n-Heptane	: 8.1	3-A Alcohol	: 0.7
Water	: ins	methylene chloride	: 70.9
Xylene	: 50	n-Butanol	: 2

Applications Sunorb 5411 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 butyl. Sunorb 5411 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 Sunorb 5411 light stabilizer include coatings (particularly thermosets where low volatility is a concern), photo products, sealants, and elastomeric materials.

Packing 40 kgs Net / Fiber drum inner with PE bag.

Storage Must be stored in closed containers in dark dry conditions.



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