

YISTAB[®] UV-571 Technical Data Sheet

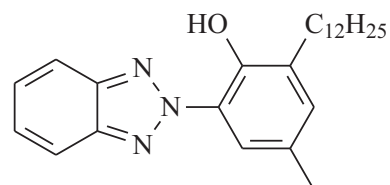
Introduction

2-(2H-benzotriazol-2-yl)-6-(dodecyl)-4-methylphenol

C₂₅H₃₅N₃O

Molecular weight: 394

CAS NO. : 125304-04-3



Physical

Appearance	Light yellow oily liquid
Flash Point, °C	>200
Density, g/ml (20°C)	1.0

Solubility (g/100g solvent, 25°C)

Water: <0.01	Methyl alcohol: 1	Ethyl alcohol: 12
Acetone: >50	Toluene: >50	Ethylene chloride: >50
Chloroform: >50	n-hexane: >50	Ethyl acetate: >50

TGA (°C, % mass loss)

Weight loss, %	1	2	5
Temperature, °C	214	231	253

Applications

YISTAB[®] UV-571 is a liquid benzotriazole ultraviolet absorber. It can absorb the UV band range 300—400nm. It has high compatibility, low volatility and high absorptivity to various polymers.

YISTAB[®] UV-571 can be applied in thermoplastic PUR coating and integral foams, rigid and plasticized PVC, PVB, PMMA, EVA, hot cured unsaturated polyesters and spin finishes for PA, PET and PP fibers. It's also suitable for latex, wax, adhesives, styrene polymer, elastomer and polyolefins.