

YISTAB[®] UV-329

Technical Data Sheet

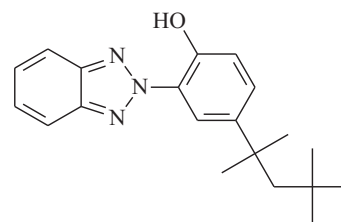
Introduction

2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol, Octrizole

$C_{20}H_{25}N_3O$

Molecular weight: 323

CAS NO. : 3147-75-9



Physical

Appearance	Yellowish crystalline powder
Melting Point, °C	103-105
Flash Point, °C	≥150
Density, g/ml (25°C)	1.18
Ash, %	≤0.1

Solubility (g/100g solvent, 25°C)

Water: <0.01 Ethyl acetate:15 Acetone: 9 Benzene: 32

TGA (°C, % mass loss)

Weight loss, %	5	10	50
Temperature, °C	220	246	286

Applications

YISTAB[®] UV - 329 is a benzotriazole UV absorber. This product can absorb the ultraviolet light band 300 ~ 400nm. UV absorption peaks are 312 nm and 353 nm. It's in good compatibility, low volatility and not coloring. The synergistic effect is very good when combine use with antioxidants and other light stabilizers.

It is widely used in polyester, PVC, styrene resin, acrylic acid, polystyrene, polymethyl methacrylate, hard PVC, polycarbonate, ABS and unsaturated polyester.