

YISTAB[®] 944 Technical Data Sheet

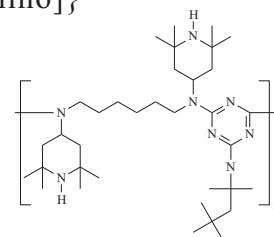
Introduction

Poly {[6-[(1,1,3,3-tetramethylbutyl)amino]-1,3,5-triazine-2,4-diyl][(2,2,6,6-tetramethyl-4-piperidyl)imino]-1,6-hexanediyl[(2,2,6,6-tetramethyl-4-piperidyl)imino]}

$(C_{35}H_{82}N_8)_n$

Molecular weight: >2500

CAS NO. : 70624-18-9



Physical

Appearance	White or yellowish powder
Softening Point, °C	100-135
Flash Point, °C	>150
Density, g/ml (25°C)	1.01
Ash, %	≤0.1
Volatility, %	≤0.5

Solubility (g/100g solvent, 25°C)

Water: <0.01	Methyl alcohol: 3
Acetone: >50	n-hexane: 40

Applications

YISTAB[®] 944 is a kind of oligomeric hindered amine light stabilizer. It's in low volatility, high heat stability, excellent compatibility, extraction resistance and migration resistance. Can be used in food contact materials, especially in the fibre and film.

YISTAB[®] 944 is widely used in PP, PE, EVA, PP and elastomer blends, and can be used in POM, PA, PU, soft/hard PVC and PVC blends. It also has a good effect on styrene elastomers and adhesives. Powder coatings are also suitable for applications which requiring high temperature treatment.