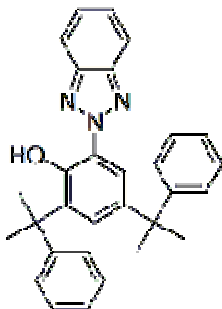


Product Data Sheet

Omnistab 320

CAS No	: 3846-71-1
Chemical name	: 2-(3,5-Di-tert-butyl-2-hydroxyphenyl)-2H-benzotriazole
Molecular formula	: C ₂₀ H ₂₇ N ₃ O
Molecular weight	: 325.45
Molecular structure	:



Standard specifications

TEST	SPECIFICATION
Appearance	Light yellow powder
Content (%)	99.0 min
Volatiles (%)	0.30 max
Melting Point/Range (°C)	152.0-154.0
Transmittance (%) 460 nm	98.0 min
Transmittance (%) 500 nm	99.0 min
Transmittance (% solution in Soluene) g/ml	5.0

EC No	: 223-346-6
HS code	: 293399
REACH No	: Not pre-registered as a none-phase chemical

Characterization / application

Omnistab 320 is a highly effective light stabilizer used for a variety of plastics and other organic substrates, including unsaturated polyesters, PVC and PVC plastisol. Excellent results are expected when Omnistab 320 is used in polycarbonates, polyurethanes, polyamides and synthetic fibers, particularly for those synthetic fibers with a polyester, epoxy resin base. Omnistab 320 features a strong UV absorption with excellent compatibility in a variety of substrates with low volatility and protects polymers as well as organic pigments from UV radiation, helping to preserve the original appearance and physical integrity of molded articles, films, sheets and fibers in outdoors conditions.