ICG SPECIALTY CHEMICALS BV

HONGKUN

Product Data Sheet

Omnistab 234

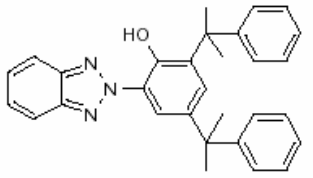
CAS No : 70321-86-7

Chemical name : 2-(2H-benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl)phenol

Molecular formula : $C_{30}H_{29}N_3O$

Molecular weight : 447.6

Molecular structure :



Standard specifications

TEST	SPECIFICATION
Appearance	Light yellow powder
Content (%)	99.0 min
Ash (%)	0.05 max
Volatiles (%)	0.30 max
Melting Point/Range (ºC)	137.0-141.0
Transmittance (%) 460 nm	97.0 min
Transmittance (%) 500 nm	98.0 min
Transmittance (% solution in Toluene)	5.0

EC No : 274-570-6
HS code : 293399
REACH No : ICG 05-2117930918-31-0000

Characterization / application

Omnistab 234's features include low volatility, exceptional light absorbing characteristics and good compatibility in various substrates. This makes the product especially suitable for applications characterized by high surface areas, such as films and fibres. It protects organic polymers as well as pigments from UV light, improving and preserving the technical and visual performance of these applications. The use levels of Omnistab 234's range is between 0.15 and 0.60%, depending on substrate and performance requirements of the final application.

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