

TinSorb™ MAX UV Filter

INCI: Methylene Bis-Benzotriazolyl Tetramethylbutylphenol



Introduction

TinSorb™ MAX UV Filter is a high-efficiency ultraviolet absorber for 300-400nm, which exhibits an efficient light-stabilizing effect by converting photochemical action into heat energy, effectively absorbing ultraviolet light. It demonstrates excellent heat resistance, making it particularly suitable for applications that demand low volatile content and high weather resistance.

Chemical Name

2,2'-Methylenebis(6-(benzotriazol-2-yl)-4-tert-octylphenol)

INCI Name

Methylene Bis-Benzotriazolyl Tetramethylbutylphenol

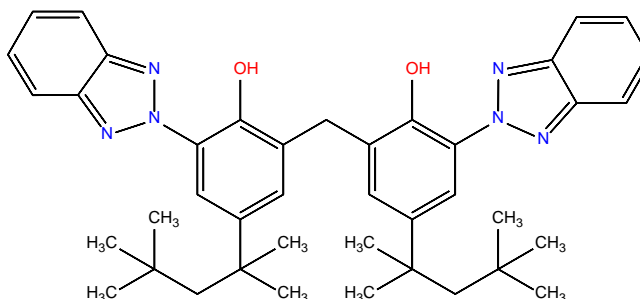
CAS Number

103597-45-1

EINECS Number

403-800-1

Chemical Structure



Chemical Formula

C₄₁H₅₀N₆O₂

Molecular Weight

658.87

Physical Properties

Appearance	Light yellow powder
Purity (%)	Min.99.0
Melting Point (°C)	194.0-198.0
Volatiles (%)	Max.0.5
Ash content (%)	Max.0.1
Transmittance (450nm, %)	Min.97.0
Transmittance (500nm, %)	Min.98.0

TinSorb™ MAX UV Filter

INCI: Methylene Bis-Benzotriazolyl Tetramethylbutylphenol



Benefits & Applications

TinSorb™ MAX is especially suitable for high processing temperature polymers such as polycarbonate (PC) systems.

The high molecular weight can effectively prevent the precipitation and migration on the mold and the lip. It is recommended for acrylic resin, PET, polycarbonate (PC), or modified polyphenylene ether or sulfide compound, polyamide, poly Olefin, styrene, elastomers and high performance plastics.

Handling & Storage

Preserve in tight containers. Store at room temperature. The shelf life of TinSorb™ MAX is two years in original, unopened containers.

Packing

TinSorb™ MAX is supplied in 25Kg carton.

Note

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability.

We disclaim liability for any incidental or consequential damages.

TinSorb™ MAX UV Filter TDS version 7.1P	© Tintoll Performance Materials Co., Ltd.
2 / 2	www.tintoll.com