

SPECIALTY CHEMICALS

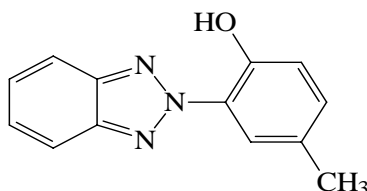
EVERSORB 71

Benzotriazole type UV absorber for plastics applications

Introduction:

EVERSORB 71 is a strong absorber of UV radiation. It has excellent photostability to polymers against UV light exposure in many ways i.e. retarding color yellowing, preventing embrittlement, maintaining of mechanical properties etc.

EVERSORB 71 is particularly effective in styrenic polymers, PVC, unsaturated polyesters, polyurethane, acrylic polymers and adhesives.

Chemical Structure:**Chemical Name:**

2-(2'-hydroxy-5'-methylphenyl)benzotriazole

CAS NO.:

2440-22-4

Molecular weight:

225 g/mol

Appearance:

Slightly yellowish crystalline powder

Melting point :

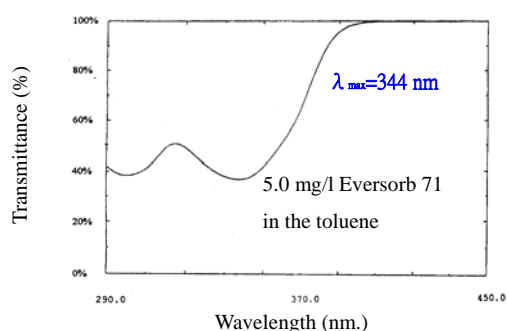
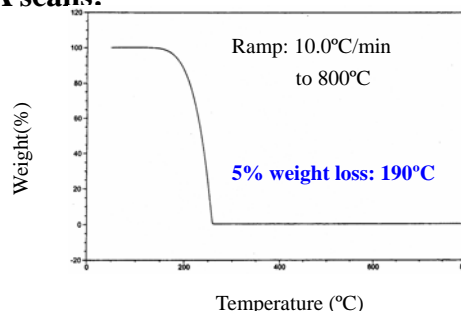
128.0~132.0°C

Advantages

- Very high photostability for its strong ability to absorb light in UV region.
- Very good compatibility with polymers.
- Very high heat resistance, without significant degradation or volatility at proper extrusion temperature.
- Odorless, does not bring smells to the polymers.

Solubility at 25°C (g/100g solvent)

Methanol	: 0.3
Ethyl acetate	: 3
Chloroform	: 14
Benzene	: 8
n-Hexane	: 0.7
Water	: < 0.01

UV-Vis Spectrum**TGA scans:****Handling & Safety:**

Personal equipment for protection is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling.

Storage:

EVERSORB 71 should be kept in a dry, dark place without any light exposure.



Everlight Group

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