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BU Additives and Adsorbents

Hostavin™ VSU powder

Edition Date December 04, 2024 Edition Number 12

UV absorber for coatings and plastic materials

Product Description

Hostavin VSU powder is an Oxalanilide UV absorber, a low volatile polar substance with good heat stability. It is resistant to discoloration with metal ions, e.g. from polymerization catalyst residues, fillers or from contact surfaces. Hostavin VSU powder absorbs the UV light especially in the UV-B range, and is therefore a stabilizer of choice for combinations with optical brighteners and for UV curing systems.

Benefits

- Excellent UV protection
- No discoloration
- Minimal sensitivity to side reactions (resistance to coloration in presence of metal ions traces)

Chemical Composition

Chemical nature: 2-Ethyl, 2'-ethoxy-oxalanilide

Classification: Oxalanilide UV absorber

Specification

Delivery Specifications and (*) General Properties

Characteristics	Unit	Target value	Test method
Appearance		white powder	visual
Loss on drying	[%]	max. 0.2	QC-999-1065 (2h at 105°C)
Hazen color number		max. 45	QC-999-1065 (5% in dioxane)
Content active substance	[% (a/a)]	min. 98	QC-20-0010 (GC area)

Application Coatings

Hostavin VSU powder can be used in solventborne coatings and general industrial coatings to provide standard UV stabilization performances. In particular, it is recommended for UV cured systems. To ensure optimal stabilization, clear coats require not only UV absorber but also HALS. Depending on the binder, a traditional HALS, e.g. Hostavin 3055 or Hostavin 3065, or a non-basic HALS, e.g. Hostavin 3058, should be used in combination with Hostavin VSU powder.

Application Plastics

Hostavin VSU powder is recommended as a UV absorber especially for use in polyamides, polycarbonates, PVC, acrylates, alkyd/melamines, PU, and polyesters.

Packaging and Handling

Delivery form

Powder

Packaging

Fibre drum 50 kg with PE-bag
Pallet 250 kg (5 drums)

Storage

For best shelf life store this product in a dry area at normal ambient temperatures.

Minimum shelf life is three years from the date of shipping when stored in cool and dry conditions, in the original sealed containers.

Safety

Hazards

The product does not require a hazard warning label according CLP regulation (Regulation (EC) No. 1272/2008, as amended). For further information please refer to the Material Safety Data Sheet.

Contact Us;

Please contact us for safety and regulatory details or the Material Safety Data Sheet (MSDS).

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