



Product Data Sheet - Performance Additives

Additives

## Nylostab® S-EED®

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### Modifier and stabilizer for engineering plastics

#### Product Description

Nylostab S-EED is a unique multifunctional additive specially tailored for high compatibility with nylons by molecular recognition.

#### Benefits

- Excellent process stability at high processing temperatures
- Less filament breakage during spinning processes
- High productivity and reduced cycle time for injection molding processes
- Good long term heat and UV/light stabilities
- Deep colouration for dyed and coloured articles
- High resistance to specific treatments, hot/cold water, chlorinated water, ...etc.
- Good mechanical performances

#### Physical Properties

##### Melting Range

268 - 275 °C

##### Solubility

Soluble in acetic acid and dimethylacetamide  
Insoluble in water

#### Applications

- Nylostab S-EED provides excellent stability during processing and use to filled and not filled polyamides. It enhances color affinity and dispersion for pre-metallized dyes, acid dyes as well as for pigments, enabling economical, ecological and deep coloration.
- Nylostab S-EED can effectively be combined with Hostanox P-EPQ and Hostavin VSU for further boosting color and UV stability of polyamides.
- Nylostab S-EED can be incorporated in-situ during polymerization process or as a concentrate during polyamides compounding processes.

#### Packaging and Handling

##### Delivery form

Free flowing

##### Packaging

Polyethylene bag 15 kg  
Pallet 450 kg (30 bags)  
Polyethylene bag 20 kg  
Pallet 600 kg (30 bags)  
Big Bag 500 kg

##### Storage

Minimum shelf life is 5 years from the date of shipping when properly stored.  
The product should be stored dry and at room temperature.

#### Safety and MSDS

##### Hazards

Classification according CLP regulation (Regulation (EC) No. 1272/2008, as amended).

Acute toxicity, Cat. 4

Eye irritation, Cat. 2

For further information please refer to the Material Safety Data Sheet.

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