

Hostanox® O 310

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Primary antioxidant for plastic materials

Product Description

Hostanox O 310 effectively combines extraordinary high extraction resistance and hydrolytic stability with good stabilization performance. Therefore Hostanox O 310 is predestined for the stabilization of polymer articles requiring high level of stability even after an exposition to extractive media (e.g. water, solvents, etc).

Benefits

- High efficiency antioxidant for plastics
- Good resistance against hydrolysis with optimized formulation cost
- Improved OIT performance

Physical Properties

Melting Range

85-92 °C

Solubility

Soluble in acetone and ethyl acetate
Insoluble in water

Applications

The application range of Hostanox O 310 covers polyolefins and their copolymers, polyamides, polyacetals, styrenic polymers, polyesters, synthetic elastomers, adhesives, and many other organic substrates. Most typical applications of Hostanox O 310 are PP compounds, also filled and reinforced compounds, coming into contact with extractive media, as well as HDPE articles such as e.g. pipes, fittings and sheets, etc. In practical applications Hostanox O 310 is advantageously combined with processing stabilizers (e.g. Hostanox P-EPQ®*), as well as with the sulfur containing co-stabilizers, such as Hostanox SE 10 or Hostanox SE 4. For Polyamide Hostanox O 310 is well suitable for an in situ use to the molten caprolactam.

Packaging and Handling

Delivery form

Micro Pills

Packaging

Cardboard box with PE-Inliner 25 kg
Pallet 500 kg (20 cardboard boxes)

Storage

Minimum shelf life is 3 years from date of shipping when properly stored.
For best shelf life store this product in a dry area at normal ambient temperatures.

Safety and MSDS

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.

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