



Print this page Performance Additives

Additives

Hostanox® O 3 P

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Primary antioxidant for coatings and plastics

Product Description

Hostanox O 3 P is a highly efficient phenolic antioxidant with high resistance against hydrolysis, providing long term heat stabilization to polyolefins and polyamide especially for applications where the final article comes in contact with extractive media such as water, fat etc.

Benefits

- Exceptional resistance to extractive media and chlorinated water
- Excellent booster for OIT for pipes applications
- High color retention
- Powder coatings: Anti Oxidant with good hydrolysis resistance and prevent yellowing upon heat exposure

Physical Properties

Melting Range	167-171 °C (333-340 °F)
Solubility	Soluble in acetone, ethyl acetate, iso-propanol, methanol Insoluble in water

Application Coatings

Hostanox O 3 powder is recommended especially for the applications where polymers and/or binders are cured at elevated temperature and need thermo-stabilization, e.g. powder coatings, coil coatings and specific solventborne coatings.

Application Plastics

Hostanox O 3 powder is recommended for the stabilization of polyolefins (PP, HDPE, LLDPE), Polyamides, ABS, styrenic polymers, polyesters, synthetic elastomers, adhesives, and many other organic substrates and in particular for engineering thermoplastic elastomers with a high extraction resistance. In combination with sulphur containing co-stabilizers, such as Hostanox SE 10 and Hostanox SE 4, it leads to a pronounced synergistic effect concerning long term thermal stability respectively oven life.

Packaging and Handling

Delivery form

Powder
The product is also available in other physical form.

Packaging

Cartons with PE-Inliner 25kg
Pallet 500 kg (20 cartons)

Storage

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

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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