

Hostanox P-EPQ pills

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Language:

English



Product Data Sheet - Processing Stabilizers

Pigments & Additives Division

Hostanox P-EPQ pills

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Processing stabilizer

Product-No.: 129897 CAS-No.: [119345-01-6] Version: 7

Product Description

Highly efficient phosphorus based secondary antioxidant

Delivery Specification and (*) general properties

| Characteristics | Unit | Target Value | Test Method |
|-------------------------|------------|-----------------------------------|--|
| Appearance | | white to slightly yellowish pills | visual |
| 2,4-di-tert-butylphenol | [%] | max. 3,5 | QC 022-0500 |
| Phosphorus | [%] | 5,4 - 5,9 | QC 040-7123 |
| Transmission | [%] | | QC 070-0947, 10 % in ethanol/chloroforme 2:1 |
| | 425 nm | min. 86 | |
| | 500 nm | min. 94 | |
| Volatility | [%] | max. 0,5 | QC 999-1353 |
| Drop Point | [°C] | 100 - 110 | QC 999-1353 |
| Acid Value | [mg KOH/g] | max. 5,0 | QC 999-1353 |

Delivery Form

Pills

The product is also available in other physical form(s)

Packaging

Fibre drum 25 kg with laminated inliner
Pallet 225 kg (9 drums)

Storage

The product should be stored dry and at room temperatures and processed immediately after opening the packaging.
Minimum shelf life is 2 years from date of shipping when properly stored in the original sealed packaging.

Hazards

The product does not require a hazard warning label according to the German federal regulations of hazardous substances (GefStoffV).
For further information please refer to the material safety data sheet.

Main Applications

The product prevents the thermooxidative degradation of polymers and the development of undesired color (yellowing) during melt processing.

Status under Food Legislation

EU: All components listed in Annex I, Table 1 of Commission Regulation (EU) No 10/2011 on plastic materials and articles intended to come into contact with food (SML = 18 mg/kg). FDA: 21 CFR § 178.2010 In fully compliance with all applicable parts of following regulations: CONEG, EN 71-3 (safety of toys – migration of certain elements), Directive 2002/95/EC (RoHS), Directive 2000/53/EC (end-of life vehicles), Directive 94/62/EC (packaging and packaging waste)

Ecological and Toxicological Properties

The effect of the product on health & environment has been fully evaluated in acute and long-term studies complying with the OECD Guidelines (see MSDS). No adverse effects could be observed in these tests.

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