

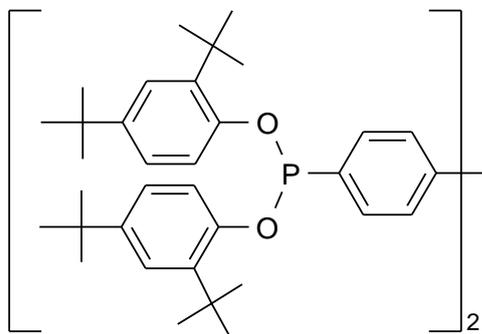
Hostanox^{®*} P-EPQ^{®*} powder

Processing stabilizer for coatings

General

Hostanox P-EPQ powder is a highly efficient phosphorus based secondary antioxidant, which reduces the thermo-oxidative degradation of polymers and the development of undesired colour (yellowing) during processing. Main advantages of **Hostanox P-EPQ powder** are its high thermal stability and broad compatibility in coating polymers.

Chemical Composition



Hostanox P-EPQ powder is a multicomponent system with the diphosphonite of the above structure as main component.

CAS-No.: 119345-01-6

Classification: Diphosphonite antioxidant

Physical Properties

Softening point: 85 - 95 °C
Specific gravity: 1,04 g/cm³
Molecular weight: 1035 g/mol
Commercial Form: powder
Solubility at 20°C (in g/100g):
Water: < 0.01
Toluene: > 50
Ethyl Acetate: > 50
Ethanol: 10

Applications Hostanox P-EPQ 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 (automotive for ex.).

Storage stability The maximum shelf life of Hostanox P-EPQ powder is five years in closed containers.

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