

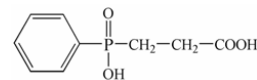


2-Carboxyethyl(phenyl)phosphinicacid(CEPPA)

G'sal OFR

Description

Product Name : 2-Carboxyethyl(phenyl)phosphinicacid(CEPPA)
 Equivalent Name : 3-HPP,CEPPA
 Cas No. : 14657-64-8
 Molecular Weight : 214



Application

As one kind of environment-friendly fire retardant, it can be used permanent flame retarding modification of polyester, and the spinnability of flame retarding polyester is similar to PET, thus it can be used in all kinds of spinning system, with features as excellent thermal stability, no decompound during spinning and no smell. It can be used in all the application fields of PET to improve antistatic capacity of polyester. The dosage for copolymerization of PTA and EG is 2.5~4.5%, the phosphorus assay of flame retarding polyester sheet is 0.35-0.60%, and the LOI of flame retarding products is 30~36%.

Typical Properties

AppearanceWhite crystal or powder.
 Purity %.....99.0 min.
 Melt point °C...156-161
 Acid value (mg KOH/g)522±4
 Moisture %.....0.5 max.
 Fe % 0.005 max.
 Chloride % 0.01 max.
 P %.....14.0±0.5
 TGA
 5% weight loss 212°C

These properties are typical but do not constitute a specification either in part or as a whole.
 Specification data is available on request from sales, customer service or customer technical service.

Shipping Information

Transportation classification: UN 3261 Class 8
 Packing: 500kg/bag; 1mt per pallet.strap & wrap; 10mt/20'FCL.

More information

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