



Tris(2-Chloropropyl) Phosphate(TCPP)

Description

Product Name : Tris(2-Chloropropyl) Phosphate(TCPP)
Equivalent Name : Clariant TCPP; Bayer Levagard PP; Aceto TCPP
Cas No. : 13674-84-5
Molecular Weight : 327.57

Application

Applying as Flame Retardant in the production of acetate fiber, polyvinyl-chloride, PU foams, EVA, phenolics materials. Except the flame retarding, it can also promote the moisture resisting, low temperature resisting, the capability of antistatic and the softness of the materials.

Benefits and Features

A low cost chlorine and phosphorous based flame retardant. It has the best hydrolysis stability among currently available halogenated organic phosphates. Can not dissolve in water, dissolve in most organic solvent, and have good compatibility with resins.

Typical Properties

Appearance Pale yellow transparent Liquid.
Color (APHA) 50 max.
Acid Value (mg KOH/g) 0.1max.
Water content % 0.1 max.
Viscosity (25°C, mPa·s) 60 - 70
Specific gravity(20°C) 1.285- 1.295
P content % 9.0- 9.8
Cl content % 32 - 32.8
TGA
1% weight loss 110°C
5% weight loss 172°C
10% weight loss 208°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: not regulated for transportation
Packing:
a). In Drum of 250kg net weight. 4 drums/pallet. wrap & strap. 20mt/20'fcl.
b). in IBC of 1.25mt net weight. 20mt/20'fcl.
c). in Isotank of 25mt net weight.