

TCPP(flame Retardant)

Flame Retardant TCPP

TCPP, the chemical name tris(2-chloroisopropyl) phosphate, is 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.

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.

Specification:

APPEARANCE: Pale Yellow Transparent Liquid

Boiling point $>200^{\circ}\text{C}$ (4mmHg)

Viscosity under 25°C : 60-70cps

Decomposition point: $> 200^{\circ}\text{C}$

Density: $1.294\pm0.005\text{g/cc}$

Phosphorous Content: $\geq 9.4\pm0.4\text{wt}\%$

Chlorine Content: $\geq 32.4\pm0.4\text{wt}\%$

Acid value (mgKOH/g) $\leq 0.1\%$

Package:

25Kg plastic drum. Or 250Kg steel drum

Precautions:

Avoid breathing vapor or mist. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated contact with skin. Keep container closed to prevent absorbing moisture. Use with adequate ventilation. Wash thoroughly with soap after handling.

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