OCTAPUR
CHEMICAL SOLUTIONS

Product Data Sheet

OCTAPUR TCPP

Flame Retardant

PRODUCT DESCRIPTION

OCTAPUR TCPP is a chlorinated organophosphate flame retardant based on Tris (2-chloroisopropyl) Phosphate. It is a colorless, transparent liquid with good compatibility with many resin systems. It is insoluble in water and soluble in many organic solvents.

APPLICATIONS

OCTAPUR TCPP is primarily used as a flame retardant additive in polyurethane foam formulations. Other potential applications include PVC, EVA, acetate fibers and phenolic resin systems. Suitability and addition levels should be established through formulation trials.

TYPICAL PRODUCT PROPERTIES

Property	Typical / Specification	Unit	Test Method
Appearance	Colorless transparent liquid	—	
Viscosity (25 °C)	60–70	mPa·s	
Density	1.285–1.295	g/cm³	
Acid Value	<0.10	mg KOH/g	
Water Content	<0.10	%	
Phosphorus Content	9.0–9.8	% wt	
Chlorine Content	32.0–32.8	% wt	
Color	<50	Pt-Co	

PACKAGING AND STORAGE

Packaging: Steel drums (250 kg) and IBCs (1250 kg); Keep containers tightly closed to minimize moisture uptake. Store in a well-ventilated area and avoid contact with eyes, skin and clothing. Consult the current Safety Data Sheet before handling.

The values above are general supplier technical specifications, not batch-specific test results. Actual batch results are provided in the relevant Certificate of Analysis. Test methods are not specified in the source TDS.

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