

### Levagard<sup>®</sup> PP-Z Phosphorus Flame Retardants

#### Description

Halogen based flame retardant of high efficiency.

#### Chemical Composition

Tris (2-chloroisopropyl)-phosphate (TCPP)

#### Appearance

Clear liquid

#### Typical Properties\*

Property	Nominal Value	Unit
Phosphorus content	9.5	%
Chlorine content	32.5	%
Acid value	< 0.05	mg KOH/g
Colour	< 50	Hazen
Water content	< 0.1	%
Density at 20°C	1.289	g/cm <sup>3</sup>
Viscosity at 20°C	< 100	mPa·s
Refractive index nD at 20°C	1.460 - 1.466	

\*The analytical data are guide values.



### Levagard® PP-Z Phosphorus Flame Retardants

#### Application

Levagard® PP-Z is especially suitable as flame retardant for polyurethanes, in particular PIR / PUR-rigid foams, as well as for thermosets.

#### Packaging

Road tankers / containers, totes and drums

#### Storage conditions

If stored correctly and kept in the original sealed container, the product has a shelf life of at least 6 months.

#### Handling

Consult the safety data sheet for relevant safety data & references as well as possibly necessary warning labels.

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