

### Reofos<sup>®</sup> 65

#### Phosphorus Flame Retardants

#### Description

Flame retardant plasticizer used primarily in flexible PVC and phenolic resin.

#### Chemical Composition

Isopropylated triphenyl phosphate

#### CAS Registry Number

68937-41-7

#### Appearance

Clear, almost colorless liquid.

#### Solubility

Soluble in many organic solvents like toluene, methanol, acetone, MEK, also compatible with polyether and polyester polyol as well as with all common plasticizers. Insoluble in water.

#### Typical Properties\*

Property	Nominal Value	Unit
Phosphorus content, calculated	8.3	%
Acid value	max. 0.1	mg KOH/g
Water content	max. 0.1	%
Hazen color value	max. 75	#
Index of refraction $n_D$ 25	1.551	#
Density at 20 °C	1.15 - 1.17	g/cm <sup>3</sup>
Viscosity at 25 °C	64 - 76	mPa·s

\*The analytical data are guide values.



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##### Application

Reofos<sup>®</sup> 65 is recommended as a flame retardant for flexible PVC, flexible polyurethanes, cellulosic resins and synthetic rubber. Reofos<sup>®</sup> 65 is also recommended as a flame retardant processing aid for engineering resins, such as modified PPE, polycarbonate and polycarbonate blends.

##### Packaging

Road tanker, container, IBC, drum.

##### Storage conditions

If stored correctly, the product has a minimum shelf life of 24 months.

##### Handling

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

® = registered trade mark

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