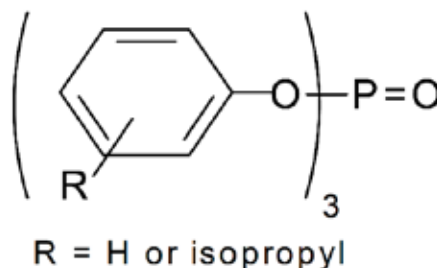


REOFOS® 35

Phosphorus Flame Retardant

REOFOS® 35 is a low viscosity synthetic isopropylated triaryl phosphate ester that finds utility in a wide variety of applications as a flame-retardant plasticizer.

Triaryl Phosphate Isopropylated
 CAS Reg. Number [68937-41-7]



Typical Properties of Reofos® 35

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Appearance	Clear Liquid		
Phosphorus Content, %	8.6		
Specific Gravity @ 25 0C, g/ml	1.183		
Boiling Point (decomposes), 0C	415		
Flash Point, 0C	> 220		
Pour point range 0C	(minus) 12 to (minus) 30		
Thermogravimetric Analysis (10 mg @ 10 0C/minute under N ₂)			
Weight Loss, %	5	10	50
Temperature, °C	216	235	284
Solubility (g/ 100 g Solvent)			
Water	Insoluble	Toluene	Complete
Methylene Chloride	Complete	Methyl Ethyl Ketone	Complete
Methanol	Complete		

Reofos® 35 is recommended for use in plastisols for fabric coating and other applications where low, stable viscosity offers improved processing. Reofos® 35 can give a drier finish to coated fabrics than other standard triaryl phosphate esters. Reofos® 35 has a high plasticizing efficiency that enable formulators to achieve better flame retardance at lower cost. Reofos® 35 is also designed for use as a flame retardant in phenolic laminates.

The use of proper protective equipment is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling. Store the product in a cool, dry, well-ventilated area away from incompatible materials. If stored at temperatures below -50C, storage tanks and transfer lines should be well insulated to ensure easy handling of the product.

Unless stated, proper storage will permit usage of the product for 6 to 12 months from the date of receipt.

For additional handling and toxicological information, consult the Material Safety Data Sheet.



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