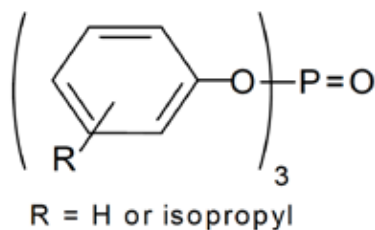


REOFOS® 50

Phosphorus Flame Retardant

REOFOS® 50 is a synthetic isopropylated triaryl phosphate ester, which can be used in a wide variety of resins, particularly PVC.

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



Typical Properties of Reofos® 50

| | | | |
|--|--------------|------------------------|----------|
| Appearance | Clear Liquid | | |
| Phosphorus Content, % | 8.3 | | |
| Viscosity @ 25 °C, cps | 53-64 | | |
| Specific Gravity @ 20 °C, g/ml | 1.17-1.18 | | |
| Acidity, mg KOH/g. Max | 0.1 | | |
| Thermogravimetric Analysis (10 mg @ 10 OC/minute under N₂) | | | |
| 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® 50 is recommended as a flame retardant for PVC, flexible polyurethanes, cellulosic resins, and synthetic rubber. Reofos® 50 is also recommended as a flame retardant processing aid for engineering resins, such as modified PPO, polycarbonate and polycarbonate blends.

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. 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.



A company of the
LANXESS
Group

The information contained herein relates to a specific Chemtura product and its use, and is based on information available as of the date hereof. Additional information relating to the product can be obtained from the pertinent Material Safety Data Sheets. NOTHING IN THIS TECHNICAL DATA SHEET SHALL BE CONSTRUED TO CONSTITUTE A REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, REGARDING THE PRODUCTS CHARACTERISTICS, USE, QUALITY, SAFETY, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Nothing contained herein shall constitute permission or recommendation to practice any intellectual property without the permission of the owner.

The Chemtura logo is a trademark of Chemtura Corporation or one of its subsidiaries.

Copyright © 2016 Chemtura Corporation. All rights reserved.

North America

+1.800.325.6252
customer.care@chemtura.com

Europe, Middle East & Africa

+44.161.875.3800
emea.export@chemtura.com

South & Central America

+55.19.3522.5000
Atendimento.cliente@chemtura.com

Asia Pacific

+86.21.3866.6509
orders.apac@chemtura.com

