

ROFLAM F6

CHEMICAL NAME	Phenol isopropylated phosphate
CAS NUMBER	68937-41-7
FUNCTION	Flame retardant
TECHNICAL REQUIREMENTS	Appearance at 20-25°C..... homogenous, clear liquid Acid value, mg KOH/g..... max. 0.1 Density at 25 °C, g/cm ³ 1.15-1.20 Viscosity at 25 °C, mPa·s..... 64-75 Flash point, °C min. 228 Phenol content, % (w/w) max. 0.05
GENERAL DATA	Molecular weight, g/mol 370-400 Solidification point, °C below -20 Solubility in water at 20 °C, mg/L.....0.330-0.370 Other solvents..... methanol, ethanol, acetone Odour..... weak, ester Halogen free
APPLICATION	Used in the plastics industry as a substance reducing combustibility especially in polyurethanes. It is also recommended for epoxy resins, unsaturated polyester resins as well as for phenolics.