

## ROFLAM F5

<b>CHEMICAL NAME</b>	Phenol isopropylated phosphate
<b>CAS NUMBER</b>	68937-41-7
<b>FUNCTION</b>	Flame retardant
<b>TECHNICAL REQUIREMENTS</b>	Appearance at 20-25°C..... homogenous, clear liquid Acid value, mg KOH/g..... max. 0.1 Density at 25 °C, g/cm <sup>3</sup> ..... 1.15-1.25 Viscosity at 25 °C, mPa·s..... 48-67 Flash point, °C ..... min. 228 Phenol content, % (w/w) ..... max. 0.05
<b>GENERAL DATA</b>	Solubility in water at 20 °C, mg/L.....0.330–0.367 Other solvents..... methanol, ethanol, acetone Solidification point, °C ..... below -20 Odour..... weak, ester Molecular weight, g/mol ..... 350-370 Halogen free
<b>APPLICATION</b>	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.