

## 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>	<p>Appearance at 20-25°C ..... homogenous, clear liquid</p> <p>Acid value, mg KOH/g ..... max. 0.1</p> <p>Density at 25 °C, g/cm<sup>3</sup> ..... 1.15-1.25</p> <p>Viscosity at 25 °C, mPa·s ..... 48-67</p> <p>Flash point, °C ..... min. 228</p> <p>Phenol content, % (w/w) ..... max. 0.05</p>
<b>GENERAL DATA</b>	<p>Solubility in water at 20 °C, mg/L ..... 0.330–0.367</p> <p>Other solvents ..... methanol, ethanol, acetone</p> <p>Solidification point, °C ..... below -20</p> <p>Odour ..... faint, ester</p> <p>Molecular weight, g/mol ..... 350-370</p> <p>Halogen free</p>
<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.