

ROFLEX 95

CHEMICAL NAME	phenol isopropylated phosphate
CAS NUMBER	68937-41-7
FUNCTION	Plasticizer
TECHNICAL REQUIREMENTS	<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/cm³..... 1.09-1.17</p> <p>Viscosity at 25 °C, mPa·s..... 91-115</p> <p>Flash point, °C min. 230</p> <p>Phenol content, % (w/w) max. 0.05</p>
GENERAL DATA	<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 400-450</p> <p>Halogen free</p>
APPLICATION	Mainly recommended in PVC formulations, as well as flame retardants in synthetic rubber industry.