

ROKAnol® IT40/70

CHEMICAL NAME	Alcohols C13, branched, ethoxylated
INCI NAME	-
CAS NUMBER	69011-36-5
FUNCTION	Emulsifier
TECHNICAL REQUIREMENTS	<p>Appearance at a temperature of (20÷25) °C viscous liquid</p> <p>Colour (Hazen units) at 25°C.....max 150</p> <p>Cloud point (NaCl solution, 100g/L), °C 72 ÷ 77</p> <p>pH of a 10% solution 5 ÷ 7</p> <p>Water, % (m/m) 28 ÷ 32</p>
GENERAL DATA	<p>Molecular weight, g/mol.....approx. 1970</p> <p>Solubility in watervery good</p> <p>Other solvents low aliphatic alcohols</p> <p>Density at 25°C, g/mL approx. 1.09</p> <p>Viscosity at 25°C, cPapprox. 1200</p> <p>Solidification point, °C approx. 9</p> <p>Hydrophilic-lipophilic balance (HLB) approx. 18</p>
APPLICATION	<p>Nonionic surfactant used mainly as an emulsifier in emulsion polymerization of acrylic acid esters, styrene and vinylic monomers. Product can be used alone or with the combination of other anionic surface active agents. Rokanol IT40/70 is good alternative for higher molecular weight nonylphenol ethoxylates in emulsion polymerization process. It can be used as an ingredient of cleaning and washing agents in industrial applications. It can be used in oxidizing, reducing and hard water environments. Product is active in cold water, in an acid and neutral bath, as well as in diluted alkalies</p>