

ROKwin 80

CHEMICAL NAME	1,4-sorbitane monooleinate
INCI NAME	-
CAS NUMBER	1338-43-8
FUNCTION	Emulsifier
TECHNICAL REQUIREMENTS	<p>Appearanceoily liquid, with a yellow to dark brown colour</p> <p>Water content, %(m/m) max. 1.5</p> <p>Acid value, mg KOH/g max. 10</p> <p>Iodine value, gJ₂/100g 60± 85</p> <p>Saponification number, mg KOH/g 145± 170</p>
GENERAL DATA	<p>Solubility in watervery poor, forms water/oil emulsions</p> <p>Other solvents benzene, toluene, xylene, pyridine</p> <p>Boiling point, °C approx. 220</p> <p>Specific heat, kJ/(kg·K) approx. 2.6</p> <p>Density at 60°C, g/ml approx. 0.97</p> <p>Calorific value, MJ/kg approx. 36.62</p> <p>Flash-point, °C approx. 256</p> <p>Molecular weight, g/mol approx 429</p>
APPLICATION	Emulsifier in water/oil systems, corrosion inhibitor, PVC plasticizer used in the production of products for coating paper and metal foil, etc., emulsion stabilizer during polymerization of styrene, butadiene and butadiene-styrene copolymer.