

POLiKol 8000

CHEMICAL NAME	Polyoxyethylene glycol
INCI NAME	PEG-180
CAS NUMBER	25322-68-3
FUNCTION	Emulsifier, wetting agent
TECHNICAL REQUIREMENTS	<p>Appearance at (20÷25)°Cwhite to pale yellow wax</p> <p>Appearance of 10% solution homogeneous, clear liquid</p> <p>pH of 10% solution.....4.6 ÷ 7.4</p> <p>Hydroxyl value, mgKOH/g..... 12 ÷ 16</p> <p>Water, %m/mmax1.0</p>
GENERAL DATA	<p>Solubility in watergood</p> <p>Other solvents..... methanol, ethanol</p> <p>Density at 70°C, g/mLapprox. 1.08</p> <p>Solidification point, °Capprox. 55</p> <p>Flash-point, °C above 250</p> <p>Odour..... weak, characteristic</p> <p>Molecular weight, g/molapprox. 8000</p>
APPLICATION	Softening and antielectrostatic agent used in household chemicals, ceramics, paper, cosmetic and metal sectors.