

POLiKol 2000

CHEMICAL NAME	Polyoxyethylene glycol
INCI NAME	PEG-45
CAS NUMBER	25322-68-3
FUNCTION	Emulsifier, wetting agent
TECHNICAL REQUIREMENTS	<p>Appearance at (20 ÷ 25)°Cwhite to pale yellow wax</p> <p>Colour of 25% solution (Hazen units) at (20±25)°Cmax 30</p> <p>Hydroxyl value, mgKOH/g.....51 ÷ 63</p> <p>pH of 10% solution.....4.6 ÷ 7.4</p> <p>Water, %m/mmax 0.5</p>
GENERAL DATA	<p>Molecular weight, g/molapprox. 2000</p> <p>Solubility in watergood</p> <p>Other solvents..... low aliphatic alcohols, diethyl ether, chloroform</p> <p>Density at 20°C, g/mLapprox. 1.20</p> <p>Odour..... slight</p> <p>Solidification point, °Capprox. 50</p>
0.5	
APPLICATION	Polyoxyethylene glycol with softening, lubricating, wetting and antistatic properties in many applications.