

Polikol 4500

CHEMICAL NAME	Polyoxyethylene glycol
INCI NAME	PEG-100
CAS NUMBER	25322-68-3
FUNCTION	Emulsifier, wetting agent
TECHNICAL REQUIREMENTS	<p>Appearancewhite to pale yellow wax</p> <p>pH of 10% solution4.6 ÷ 7.4</p> <p>Hydroxyl value, mgKOH/g23 ÷ 28</p> <p>Water content, %m/mmax. 1.0</p>
GENERAL DATA	<p>Solubility in watergood</p> <p>Other solvents methanol, ethanol, ethylene glycol</p> <p>Density at 70°C, g/mlapprox. 1.08</p> <p>Solidification point, °Capprox. 55</p> <p>Flash point, °Cabove 220</p> <p>Odour weak, characteristic</p> <p>Molecular weightapprox. 4500</p>
APPLICATION	Softening and antielectrostatic agent used in household chemicals, ceramics, paper, cosmetic and metal sectors.