

Polikol 4500 flakes

CHEMICAL NAME	Polyoxyethylene glycol
INCI NAME	PEG-100
CAS NUMBER	25322-68-3
FUNCTION	Emulsifier, wetting agent
TECHNICAL REQUIREMENTS	<p>Appearance solid wax in the form of white to pale yellow flakes</p> <p>pH of 10% solution 4.6 ÷ 7.4</p> <p>Hydroxyl value, mgKOH/g 23 ÷ 28</p> <p>Water content, %m/m max. 1.0</p>
GENERAL DATA	<p>Solubility in water good</p> <p>Other solvents methanol, ethanol, ethylene glycol</p> <p>Density at 70°C, g/ml approx. 1.08</p> <p>Viscosity at 70 0C, mPa·s approx. 400</p> <p>Solidification point, °C approx. 55</p> <p>Flash point, °C above 220</p> <p>Molecular weight approx. 4500</p> <p>Odour weak, characteristic</p>
APPLICATION	Softening and antielectrostatic agent used in household chemicals, ceramics, paper, cosmetic and metal sectors.