

Polikol 6000 flakes

CHEMICAL NAME	Polyoxyethylene glycol
INCI NAME	PEG-135
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>Appearance of 10% solution..... homogeneous, clear liquid</p> <p>pH of 10% solution 4.6 ÷ 7.4</p> <p>Hydroxyl value, mgKOH/g 16 ÷ 23</p> <p>Water content, %m/m.....max. 1.0</p> <p>Solidification point, °C 52 ÷ 58</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°C, mPa·s..... approx. 800</p> <p>Molecular weightapprox. 6000</p> <p>Flash-point, °Cabove 250</p> <p>Odour weak, characteristic</p>
APPLICATION	Softening and antielectrostatic agent used in household chemicals, ceramics, paper, cosmetic and metal sectors.