

## POLIKOI 600

<b>CHEMICAL NAME</b>	Polyoxyethylene glycol
<b>INCI NAME</b>	PEG-12
<b>CAS NUMBER</b>	25322-68-3
<b>FUNCTION</b>	Emulsifier, wetting agent
<b>TECHNICAL REQUIREMENTS</b>	<p>Appearance ..... liquid or paste</p> <p>Colour (Hazen units) ..... max. 30</p> <p>Hydroxyl value, mgKOH/g ..... 170 ÷ 200</p> <p>pH of 10% solution ..... 4.6 ÷ 7.4</p> <p>Water content, %m/m ..... max. 0.5</p>
<b>GENERAL DATA</b>	<p>Molecular weight, g/mol ..... approx. 600</p> <p>Solubility in water ..... good</p> <p>Other solvents ..... low aliphatic alcohols,  diethyl ether, chloroform</p> <p>Density at 20°C, g/mL ..... approx. 1.120</p> <p>Odour ..... slight</p> <p>Solidification point, °C ..... approx. 20</p>
<b>APPLICATION</b>	<p>Polyoxyethylene glycol with softening, lubricating, wetting and antistatic properties in many applications. It can be used as an additive for production of food packaging or food contacting materials.</p> <p>Product is allowed to be used as an indirect food contact additive based on list published by Food and Drugs Agency (FDA).</p> <p>FDA lists:</p> <p>175.105</p> <p>175.210</p> <p>176.180</p> <p>176.200</p> <p>Please notice that product is allowed to be used according to its definition and specification, in amounts not higher than established by organization.</p>