

## POLIKOI 600PF

<b>CHEMICAL NAME</b>	Polyethylene glycol Ph. Eur; Macrogol 600
<b>INCI NAME</b>	-
<b>CAS NUMBER</b>	25322-68-3
<b>FUNCTION</b>	excipient in pharmaceutical formulation
<b>TECHNICAL REQUIREMENTS</b>	<p>Sameness ..... complies with A, B,C tests</p> <p>Appearance at (20±25)°C ..... clear, viscous, colourless or almost colourless, hygroscopic liquid</p> <p>Solution appearance ..... ≤ color of the comparative solution BY<sub>6</sub></p> <p>Hydroxyl value, mg KOH/g ..... 178 ÷ 197</p> <p>Acidity or alkalinity, mL ..... ≤ 0.1</p> <p>Water, %(m/m) ..... ≤ 2</p> <p>Dynamic viscosity at 20 ± 0.1°C, mPa·s ..... 15 ÷ 20</p> <p>Kinematic viscosity at 20 ± 0.1°C, mm<sup>2</sup>/s ..... 13.9 ÷ 18.5</p> <p>Sulphate ash, % (m/m) ..... ≤ 0.2</p> <p>Solidification point, °C ..... ≤ 30</p> <p>Formaldehyde, ppm ..... 15 ÷ 25</p> <p>Ethylene oxide, ppm ..... ≤ 1</p> <p>1,4-dioxane, ppm ..... ≤ 10</p> <p>Reducing substances ..... ≤ color of the comparative solution R<sub>3</sub></p> <p>Ethylene and diethylene glycol content, % (m/m) ..... ≤ 0.4</p>
<b>GENERAL DATA</b>	-
<b>APPLICATION</b>	The product meets the quality requirements of the current, 10 Ph Eur version. Solvent and solubilising agent for active substances and excipients of pharmaceutical formulations present in liquid and semi – liquid forms. Also used as an intermediate in the synthesis of active ingredients.