

POLIKOI 6000PF

CHEMICAL NAME	Polyethylene glycol Ph. Eur; Macrogol 6000
INCI NAME	-
CAS NUMBER	25322-68-3
FUNCTION	Excipient in pharmaceutical formulation
TECHNICAL REQUIREMENTS	<p>Sameness complies with A, B,C tests</p> <p>Appearance at (20±25)°C white or almost white solid with a waxy or paraffin-like appearance</p> <p>Solution appearance the solution is clear and do not more intensely coloured than reference solution BY₆</p> <p>Hydroxyl value, mg KOH/g 16 ÷ 22</p> <p>Acidity or alkalinity, mL ≤ 0.1</p> <p>Water, %(m/m) ≤ 1.0</p> <p>Kinematic viscosity at 20°C, mm²/s 185 ÷ 250</p> <p>Dynamic viscosity at 20°C, mPa·s 200 ÷ 270</p> <p>Sulphated ash, % (m/m) ≤ 0.2</p> <p>Formaldehyde, ppm ≤ 30</p> <p>Ethylene oxide, ppm ≤ 1</p> <p>Dioxane, ppm ≤ 10</p> <p>Reducing substances ≤ color of the comparative solution R₃</p> <p>Freezing point, °C 55 ÷ 61</p>
GENERAL DATA*	-
APPLICATION	The product meets the quality requirements of the 10 Ph Eur version. Solubilizing agent for active substances of pharmaceutical preparations in solid form with a waxy or paraffin-like appearance. Used in the production of pills as an active matter binding agent, or as a coating component, anti-caking agent or plasticizer in pills forming steps.