

POLIKOL 3350PF

CHEMICAL NAME	Polyethylene glycol Ph. Eur; Macrogol 3350
INCI NAME	-
CAS NUMBER	25322-68-3
FUNCTION	Solubilising agent, humectant
TECHNICAL REQUIREMENTS	<p>Sameness complies with A, B,C tests</p> <p>Appearance at (20±25)°C white or almost white solid in the form of wax or flakes</p> <p>Solution appearance ≤ color of the comparative solution BY₆</p> <p>Hydroxyl value, mg KOH/g 30 ÷ 38</p> <p>Acidity or alkalinity, mL ≤ 0.1</p> <p>Water, %(m/m) ≤ 1.0</p> <p>Kinematic viscosity at 20°C, mm²/s 76 ÷ 110</p> <p>Dynamic viscosity at 20°C, mPa·s 83 ÷ 120</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>Melting point, °C..... 53 ÷ 57</p>
GENERAL DATA*	-
APPLICATION	<p>Macrogols a group of polyethylene glycols are widely used in the production of a pharmaceutical, medical or food industry. These polymers of ethylene oxide are often referred to as PEG, POE, PEO, while the usual name used in the pharmaceutical industry is Macrogols (Macrogol).</p>