

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 wax</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) ≤ 2.0</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>Polyethylene glycols are a group of polymers widely used in industrial, food, medical and pharmaceutical production. These polymers of ethylene oxide are often referred to as PEG, POE, PEO, while the common name used in the pharmaceutical industry is Macrogol. In order to classify polyethylene glycols as Macrogols, it is necessary to meet the restrictive requirements described by the Pharmacopoeia. POLIKOL 3350PF meets the quality requirements according to the 9.0 version of European Pharmacopoeia. Not absorbed by humans, frequently used in solutions with electrolytes of laxative preparations. Commonly used in mixture with PEG400 as ointment base.</p>