

ROKAnol LP6066 MB

CHEMICAL NAME	Alkoxylated cetyl alcohol
INCI NAME	PPG-5-Ceteth-20
CAS NUMBER	9087-53-0
FUNCTION	Production of cosmetics
TECHNICAL REQUIREMENTS	<p>Appearance at (20÷25)°C.....</p> <p>Colour (Hazen units) at (20÷25)°C 120</p> <p>Hydroxyl value, mg KOH/g 35 ÷ 50</p> <p>Cloud point, ° C 60.0 ÷ 66.0</p> <p>Acidity value, mgKOH/g max 2</p> <p>Peroxide value, active mmol O₂/kg max 2</p> <p>Water, %(m/m) max 1</p>
GENERAL DATA	<p>Molecular weight aprox. 1500</p> <p>Density at 25°C, g/mL 1,03</p> <p>Odour characteristic</p> <p>Solidification point, °C below 0</p> <p>Viscosity at 20°C, mPa·s below 300</p>
APPLICATION	<p>The product is used as an ingredient in many cosmetic formulations, including bath oils, antiperspirants, aftershave, shampoos, transparent gels and other water-alcohol systems. This product performs the function of mainly an emollient, emulsifier, solubilizer, wetting agent, as well as a plasticizer. Thanks to its lubricating properties, it reduces the irritating effect of anionic surfactants on the skin.</p> <p>Used in hair care products, it gives them shine, softness and ease of styling. Thanks to its solubilizing properties, it enables the introduction of fragrances into the formulation without adversely affecting foam formation or emulsion stability. It is compatible with other surfactants.</p>