

# Rokrysol PZW

<b>CHEMICAL NAME</b>	Sodium salt of polyacrylic acid
<b>CAS NUMBER</b>	9003-04-07
<b>TECHNICAL REQUIREMENTS</b>	<p>Appearance .....light yellow clear or slightly turbid liquid</p> <p>Dry matter, % .....28,5 ÷ 31,5</p> <p>pH of the product.....7,0 ÷ 9,0</p> <p>Density in 20°C, g/ml..... 1,19 ÷ 1,23</p> <p>Dynamic viscosity of 10% solution in terms of dry substance, mPa·s. ....max. 3,5</p>
<b>GENERAL DATA</b>	<p>Solidification point, °C ..... approx. -5</p> <p>Solubility in water .....unlimited</p> <p>Weight average molecular mass .....approx. 10000</p> <p>Additional terms for sugar industry</p> <p>Free acrylic acid, %(m/m) ..... max 0,05</p> <p>Arsenic, mg/kg .....max 3</p> <p>Lead, mg/kg .....max 5</p> <p>Mercury, mg/kg ..... max 0,01</p> <p>Cadmium, mg/kg..... max 0,1</p> <p>Cooper, mg/kg .....max 30</p> <p>Zinc, mg/kg .....max 50</p>
<b>APPLICATION</b>	In the sugar industry as an agent preventing overgrowing the evaporator heating surface and as a dispersant of inorganic pigments in the paper industry, ceramic industry and others.