

**PRODUCT TECHNICAL SPECIFICATION**  
**STW: 316/1**

**TRADE NAME**            **Polikol 600**

**CHEMICAL NAME**       Polyoxyethylene glycol

**TECHNICAL REQUIREMENTS**

Appearance .....	liquid or paste
Colour (Hazen units) at 30 °C .....	max 100 (PN-81/C-04534/01, visual method)
Hydroxyl value, mg KOH/g .....	170÷200 (PN-86/C-04838, method B)
pH of 10% solution .....	4.6÷7.4 (PN-89/C-04963, potentiometric method, at 20 °C)
Water content, %(m/m) .....	max 1 (PN-ISO 760:2001, direct method, solvent - methanol)

**GENERAL DATA**

Molecular weight .....	approx. 600
Solubility in water .....	good
Other solvents .....	low aliphatic alcohols, ethylene glycol and propylene glycol
Density at 25 °C, g/ml .....	approx. 1.124
Odour .....	slight
Solidification point, °C .....	approx. 20

**APPLICATION**            Softening and antielectrostatic agent used in the textile, paper and cosmetic industry.

<b>PACKAGING</b>	Polyethylene drums with a capacity of 120 litres and other packaging as agreed with the customer.
<b>STORAGE CONDITIONS</b>	Store in a tightly closed container in a roofed area, at a temperature of up to 40°C. Guaranteed period of stability: 12 months from the date of manufacture. After the expiry of this period, the product can be used upon verifying the conformity of its parameters with the technical requirements. In case of non-conformity, application tests should be performed.
<b>TRANSPORT</b>	Limitations resulting from ADR, RID and IMDG regulations do not apply. Covered means of transport recommended.
<b>HAZARD SYMBOL</b>	Not applicable.
<b>R-PHRASES</b>	No R-phrases.
<b>S-PHRASES</b>	No S-phrases.
<b>NUMBER</b>	STW: 316/1 Polikol 600
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