

PRODUCT TECHNICAL SPECIFICATION
STW: 318/1

TRADE NAME **Polikol 400**

CHEMICAL NAME Polyoxyethylene glycol

TECHNICAL REQUIREMENTS

Appearance	liquid
Colour (Hazen units)	max 100 (PN-81/C-04534/01, visual method)
Hydroxyl value, mg KOH/g	270÷300 (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. 400
Solubility in water	good
Other solvents	low aliphatic alcohols, diethyl ether, chloroform
Density at 20 °C, g/ml	approx. 1.13
Odour	slight
Solidification point, °C	approx. 5
Flash-point, °C	above 150

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

PACKAGING	Polyethylene drums with a capacity of 220 litres and other packaging as agreed with the customer.
STORAGE CONDITIONS	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.
TRANSPORT	Limitations resulting from ADR, RID and IMDG regulations do not apply. Covered means of transport recommended.
HAZARD SYMBOL	Not applicable.
R-PHRASES	No R-phrases.
S-PHRASES	No S-phrases.
NUMBER	STW: 318/1 Polikol 400
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