

PRODUCT TECHNICAL SPECIFICATION
STW: 321/1

TRADE NAME **Polikol 4500 flakes**

CHEMICAL NAME Polyoxyethylene glycol

TECHNICAL REQUIREMENTS

Appearance solid wax in the form
of white to pale yellow flakes

pH of 10% solution 4.6÷7.4 (PN-89/C-04963,
potentiometric method, at 20 °C)

Hydroxyl value, mgKOH/g 23÷28 (PN-86/C-04838, method B)

Water content, %(m/m) max 1.0 (PN-ISO 760:2001,
direct method, solvent - methanol)

GENERAL DATA

Solubility in water good

Other solvents methanol, ethanol, ethylene glycol

Density at 70 °C, g/ml approx. 1.08

Viscosity at 70 °C, mPa·s approx. 400

Solidification point, °C approx. 55

Flash-point, °C above 220

Odour weak, characteristic

APPLICATION Softening and antielectrostatic agent used in household chemicals, ceramics,
paper, cosmetic and metal sectors.

PACKAGING	Polyethylene bags with a net weight of 25 kg and other packaging as agreed with the customer.
STORAGE CONDITIONS	Store in a roofed area protected against atmospheric conditions, 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.
TRANSPORT	Limitations resulting from ADR, RID and IMDG regulations do not apply. Any means of transport, does not require special precautions.
HAZARD SYMBOL	Not applicable.
R-PHRASES	No R-phrases.
S-PHRASES	No S-phrases.
NUMBER	STW: 321/1 Polikol 4500 flakes
DATE	2005.11.16