

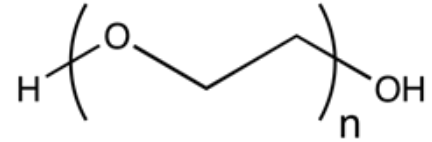
IdentificationHO(C₂H₄O)_nH

M = 3500 - 4500 g/mol

CAS [25322-68-3]

EC number: 203-473-3

Taric code: 3404 20 00

**Synonyms**

Carbowax, PEG, Polyoxyethylene glycol, Polyglycol, Polyethylene oxide

Applications

analytical chemistry, chromatography, synthesis of organic products, in food industry, cosmetics.

Specifications

identity (IR-spectrum).....passes test

average molar mass..... 3500 - 4500

melting range 58 - 61 °C

hydroxyl number..... 25 - 32

Physical data

- Spec. Density: 1,212 g/cm³
- Solub. in water: (20 °C): ~ 550 g/l
- Melting point: 54 - 58 °C
- Flash point: 250 °C
- Ignition temperature: 420 °C
- Vapour pressure: (20 °C) < 0,1 hPa
- pH(100 g/l H₂O, 20 °C) 4 - 7

Transport/storage

- 10°C - 30°C