

PRODUCT DATA SHEET

(CARBOWAX™ Polyethylene Glycol PEG) 1000

Polyethylene glycol with molecular weight of 1000, HO-(CH₂CH₂O)_n-H. Produced using technology licensed by The Dow Chemical Company.

CHEMICAL DESCRIPTION:

Name : Polyethylene Glycol
CAS number : 25322-68-3
Type : Oxyalkylene Polymer

APPLICATIONS:

- Chemical Intermediates
- Lubricant
- Plasticizer
- Soap & Detergent

TYPICAL PROPERTIES:

Physical Property*	Units	Typical Value
Molecular Weight	g/mol	950 - 1050
pH-5% in aq @ 25°C	pH	4.5 - 7.5
Color	PtCo	18 max
Water	wt%	0.5 max
Acidity, as Acetic Acid	wt%	0.02 max
Viscosity @ 210°F (99°C)	cSt	16.0 - 19.0
Physical State	-	Soft Solid
Odour	-	None / mild
Boiling Point	°C	> 200 (decompose)
Melting Point	°C	37 - 40
Solubility in Water @ 20 °C	wt%	80

*These properties are typical but do not constitute specifications.

FOR MORE INFORMATION

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MS ISO 9001:2008 REG. NO. AR4088
(DERIVATIVES PLANT)

MS ISO 14001:2004 REG NO. ER0455

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