



Technical Data Sheet

CARBOWAX™ SENTRY™ Polyethylene Glycol (PEG) 1000

Product CARBOWAX™ SENTRY™ Polyethylene Glycol 1000 NF

Description Polyethylene Glycol

CAS Number 25322-68-3

Typical Applications

- Pharmaceuticals
- Adhesives
- Chemical intermediates
- Creams and lotions
- Excipients: ointments / topical, suppository base
- Inks
- Lubricants
- Mold release agent
- Plasticizer

Typical Physical Properties¹

Property	Unit	Value
Physical Form		Waxy solid
Average Number of Repeating Oxyethylene Units		22.3
Range of Average Molecular Weight		950–1050
Range of Average Hydroxyl Number	mg KOH/g	107–118
Density at 60°C	g/cm ³	1.093
Melting or Freezing Range	°C	34–40
Solubility in Water at 20°C	% by weight	80
Viscosity at 100°C	cSt	17.2
Heat of Fusion	Cal/g	38

1. Typical properties, not to be construed as specifications

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