



Technical Data Sheet

CARBOWAX™ Polyethylene Glycol (PEG) 4000

Product(s)	CARBOWAX(TM) Polyethylene Glycol 4000 Molten CARBOWAX(TM) Polyethylene Glycol 4000 Flake (Inhibited) CARBOWAX(TM) Polyethylene Glycol 4000 Granular CARBOWAX(TM) Polyethylene Glycol 4000 Powder (Uninhibited)
Description	Polyethylene Glycol
CAS Number	25322-68-3
Applications	Adhesives Chemical Intermediates Inks Lubricants Mold Release Agent Plasticizer

Typical Physical Properties⁽¹⁾

Property	Value
Physical Form	Waxy Solid
Average Number of Repeating Oxyethylene Units	90
Range of Average Molecular Weight	3600 – 4400
Range of Average Hydroxyl Number, mg KOH/g	25 – 32
Density, g/cm ³ at 60°C	1.093
Melting or Freezing Range, °C	53 – 59
Solubility in Water at 20°C, % by weight	66
Viscosity at 100°C, cSt	140.4
Heat of Fusion, Cal/g	45

1. Typical properties, not to be construed as specifications

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