



Technical Data Sheet

CARBOWAX™ SENTRY™ Polyethylene Glycol (PEG) 600

Product	CARBOWAX™ SENTRY™ Polyethylene Glycol 600 NF; Macrogol 600 Ph. Eur.
Description	Polyethylene Glycol
CAS Number	25322-68-3
Applications	Adhesives Antistatic Agent and Humectant Chemical Intermediates Excipient: Gel Capsules, Liquid Oral Dose, Topical Inks Lubricants Mold Release Agent Plasticizer Toothpaste and Dental Applications

Typical Physical Properties(1)

Property	Value
Physical Form	Liquid to Semisolid
Average Number of Repeating Oxyethylene Units	13.2
Range of Average Molecular Weight	570 – 630
Range of Average Hydroxyl Number, mg KOH/g	178 – 197
Density, g/cm ³ at 20°C	1.126
Melting or Freezing Range, °C	15 – 25
Solubility in Water at 20°C, % by weight	Complete
Viscosity at 100°C, cSt	10.8
Heat of Fusion, Cal/g	35

1. Typical properties, not to be construed as specifications

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