



## Technical Data Sheet

# CARBOWAX™ SENTRY™ Polyethylene Glycol (PEG) 4600

<b>Product(s)</b>	CARBOWAX™ SENTRY™ Polyethylene Glycol 4600 NF Granular (Inhibited)
<b>Description</b>	Polyethylene Glycol
<b>CAS Number</b>	25322-68-3
<b>Applications</b>	Adhesives Chemical Intermediates Dye Carrier Excipient: Ointments and Creams, Tablet Binder and Coating Personal Care Plasticizer

## Typical Physical Properties<sup>(1)</sup>

Property	Value
Physical Form	Waxy Solid
Average Number of Repeating Oxyethylene Units	104
Range of Average Molecular Weight	4140 – 5060
Range of Average Hydroxyl Number, mg KOH/g	22 – 27
Density, g/cm <sup>3</sup> at 60°C	1.093
Melting or Freezing Range, °C	54 – 60
Solubility in Water at 20°C, % by weight	65
Viscosity at 100°C, cSt	183.9
Heat of Fusion, Cal/g	45

1. Typical properties, not to be construed as specifications

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