

**PETRONAS**

PRODUCT DATA SHEET

(CARBOWAX™ Polyethylene Glycol PEG) 400

Polyethylene glycol with molecular weight of 400, 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:

- Adhesives
- Chemical Intermediates
- Food Packaging
- Inks
- Lubricants
- Mold Release Agent
- Plasticizer
- Soap & Detergent

TYPICAL PROPERTIES:

Molecular Weight, g/mol	380 - 420
pH-5% in aq @ 25°C	4.5 - 7.5
Color, PtCo	18 max
Water, wt%	0.5 max
Acidity, as Acetic Acid, wt%	0.02 max
Viscosity @ 210 degF, cSt	6.8 - 8.0
Physical State	Liquid
Odour	None / mild
Boiling Point, °C (nominal)	> 200 (decompose)
Melting Point, °C (nominal)	4 - 8
Solubility in Water, % by weight @ 20 °C	100

FOR MORE INFORMATION

Please contact **PETRONAS Chemicals Group Berhad (PCGB)**, Level 21, Tower 2, PETRONAS TWIN TOWER, KLCC, 50088 KUALA LUMPUR, MALAYSIA.

Tel: +(603) 20515000 Fax: +(603) 20511501 or visit our site www.petronaschemicals.com



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**PETRONAS**

PRODUCT DATA SHEET

(CARBOWAX™ Polyethylene Glycol PEG) 600

Polyethylene glycol with molecular weight of 600, 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:

- Adhesives
- Chemical Intermediates
- Food Packaging
- Inks
- Lubricants
- Mold Release Agent
- Plasticizer
- Soap & Detergent

TYPICAL PROPERTIES:

Molecular Weight, g/mol	570 - 630
pH-5% in aq @ 25°C	4.5 - 7.5
Color, PtCo	18 max
Water, wt%	0.5 max
Acidity, as Acetic Acid, wt%	0.02 max
Viscosity @ 210 degF, cSt	9.9 - 11.3
Physical State	Liquid
Odour	None / mild
Boiling Point, °C (nominal)	> 200 (decompose)
Melting Point, °C (nominal)	20 - 25
Solubility in Water, % by weight @ 20 °C	100

FOR MORE INFORMATION

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