



PETRONAS

# PRODUCT DATA SHEET

## Ethonas PEG 600

Produced using technology licensed by The Dow Chemical Company.

### CHEMICAL DESCRIPTION:

Name : Polyethylene Glycol  
 CAS number : 25322-68-3  
 Type : Oxyalkylene Polymer

Ethonas PEG 600 is a water-soluble linear polymer, produced based on the addition polymerization of oxyethylene group.

### APPLICATIONS:

- Adhesives
- Agriculture
- Chemical intermediates
- Inks
- Mold release agent
- Lubricants

### TYPICAL PROPERTIES:

Physical Property*	Units	Typical Value
Physical appearance (25°C)	-	Colourless liquid
Odour		None/mild
Molecular weight	g/mol	570-630
pH (5% aq @ 25°C)	-	4.5-7.5
Water	wt%, max	0.5
Colour	PtCo, max	18
Acidity, as Acetic Acid	wt%, max	0.02
Viscosity @ 99°C	cSt	9.9-11.3
Boiling point	°C	>200 (decompose)
Melting point	°C	20-25
Solubility in water @ 20°C	%	100

\*These properties are typical but do not constitute specifications.

### FOR MORE INFORMATION

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MS ISO 9001:2000 REG. NO. AR4.088  
(DERIVATIVES PLANT)

MS ISO 14001 CERT. NO. 00081001



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