

## Specifications for Polyethylene Glycol (PEG 400)

Parameter	Value
Molecular Formula	---
Mol Wt	---
CAS #	[25322-68-3]
Description	Clear colourless liquid
Sp gravity @ 27/27 deg cel	1.110-1.120
Cloud Point in deg cel	Report
BP in deg cel	> 200
Flash Point in deg cel	235
pH of 1% solution	4.5 -7.0
Solubility	Soluble in water and ethanol

## Uses

Industry	Application
Pharma	Base for formulations
Cosmetics	Base for creams and emulsions
Polymer	RM for Mfr of polyurethane
Detergents	In mfr of PEG salts of lauric, oleic and stearic acids
Rubber	In mfr of latex

## Specifications for Polyethylene Glycol (PEG 600)

Parameter	Value
Molecular Formula	---
Mol Wt	---
CAS #	[25322-68-3]
Description	Clear colourless liquid
Sp gravity @ 27/27 deg cel	1.110-1.120
Cloud Point in deg cel	Report
BP in deg cel	> 200
pH of 1% solution	4.5 -7.0
Solubility	Soluble in water and ethanol

### Uses:

Industry	Application
Pharma	Base for formulations
Cosmetics	Base for creams and emulsions
Polymer	RM for Mfr of polyurethane
Detergents	In mfr of PEG salts of lauric, oleic and stearic acids
Rubber	In mfr of latex

## Specifications for Polyethylene Glycol (PEG 4000)

Parameter	Value
Molecular Formula	---
Mol Wt	---
CAS #	[25322-68-3]
Description	Flakes – white to creamy
Cloud Point in deg cel	Report
BP in deg cel	> 200
pH of 1% solution	4.5 -7.0
Solubility	Soluble in water and ethanol

### Uses:

Industry	Application
Pharma	Base for formulations
Cosmetics	Base for creams and emulsions
Polymer	Mould releasing agent
Detergents	In mfr of PEG salts of lauric, oleic and stearic acids
Lubricant	As viscosity modifier