

Overview

Polyethylene Glycol 200 (PEG 200) is a polyethylene glycol that provides enhanced solvency, lubricity, hygroscopicity and other important functional properties in a wide range of formulations. INCI Name: PEG-4

Applications

- Adhesives
- Antistatic agent
- Chemical intermediates
- Inks
- Lubricants
- Mold release agent
- Plasticizer

Benefits

- Completely soluble in water
- Molecularly stable and non-volatile
- Excellent hygroscopicity
- Low toxicity
- High lubricity and solvency

Typical Physical Properties*

PROPERTY	VALUE
Physical form	liquid
Average number of repeating oxyethylene units	4.1
Range of average molecular weight	190 – 210
Range of average hydroxyl number (mg KOH/g)	535 – 590
Density (g/cm ³ , 20°C)	1.124
Melting or freezing range (°C)	sets to glass below -65
Solubility in water (%WT, 20°C)	complete
Viscosity (cSt, 100°C)	4.3
Average liquid specific heat(cal/g/°C)	0.51
Heat of fusion (cal/g)	sets to glass below -65

*These values should not be construed as sales specifications.

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