

Technical Data Sheet

PEG 200
Polyethylene Glycol 200

Poly ethylene glycols (PEGs) are family of water soluble linear polymers formed by the additional reaction of ethylene oxide (EO) with monoethylene glycol (MEG) or diethylene glycol (DEG). The generalized formula for polyethylene glycol is: $H(OCH_2CH_2)_nOH$, n: Average number of repeating ethylene oxide groups.

Application:

PEG200 is used as a softener, antistatic agent, scouring agent, sizing agent, dyeing agent and releasing agent for foam, rubber, latex rubber. PEG200 is compatible with most organic solvents and has excellent water-solubility.

TEST	Standard Test Method	Standard
Appearance at 20 °C	---	Clear Liquid
Color at 25 °C , APHA	ASTM D-1209	Max 10
Average molecular weight, g/mol	Calculated	190-210
PH (5% in water)	ASTM D-1172	4.5-7.5
Density at 25 °C , g/ml	ASTM D-1298	1.124±0.02
Hydroxyl value, mg KOH/G	ASTM D-4252	534-590
Water, Percent	ASTM D-203	Max 2
Viscosity at 25 °C, CP	ASTM D-445	51±10