

TECHNICAL DATA SHEET**Goods description: Polyethylene Glycol 200/300/400/600**

Polyethylene glycols, PEGs – are polymers of ethylene oxide with generalized formula HO-(CH₂-CH₂)_n-OH, with 'n' indicating the average number of oxyethylene groups.

Chemical name:	Polyethylene glycols 200/300/400/600
Empirical formula:	CH ₃ O-(CH ₂ -CH ₂ -O) _n -H
Supply form:	Colorless or faintly yellowish, transparent, viscous liquid with weak specific odor.
Packaging:	The product is filled into steel or polymer drums, steel dedicated containers, as well as into rail tank cars, equipped with the bottom discharge and heating, tank-containers or IBC cubes.
Shipment:	By all types of transportation means.
Shelf life:	12 months guaranteed (>12 months need approval from producer)
CAS register number:	25322-68-3
HS code:	3907201100

PARAMETER	UNIT	SPECS PEG			
		200	300	400	600
Color of 25 % aqueous solution	Hazen units	max.25	max.25	max.25	max.25
pH of 5 % aqueous solution	pH	5.0-7.5	5.0-7.5	5.5-7.5	5.0-7.5
Kinematic viscosity at (40.0±0.3) °C	mm ² /s	21-25	30-35	30-35	59-66
Hydroxyl number	mg KOH/g	510-625	340-415	260-290	172-205
Sulfate ash mass content	% by mass	max. 0.20	max. 0.20	max. 0.10	max. 0.10
Water mass content	% by mass	max. 0.5	max. 0.5	max. 0.5	max. 0.5