

NORPEG™

POLYETHYLENE GLYCOLS WITH LOW MOLECULAR WEIGHT
TU 2481-007-71150986-2006 with Var. 1
CAS № 25322-68-3

Physical / chemical properties	Classification in accordance with molecular weight								Test method
	100	150	200	300	400	600	800	1000	
Appearance	Colorless or yellowish liquid					White thick paste			Par. 4.2
Color of 25% water solution, Hazen units, within	20	20	20	20	20	20	20	20	GOST 29131 and Par.4.3
Kinematic viscosity									GOST 33
at (40,0 + - 0,3) °C	11-15	16-20	21-25	30-34	39-45	-	-	-	
at (99,0 + - 0,3) °C, mm ² /s, within	-	-	-	-	-	9-13	12-17	16-22	
pH value of 5% water solution, within	5,0-7,5								GOST 22567.5 and Par. 4.4
Ash, %, not more than	0,2				0,1				GOST 21119.10 and Par. 4.6
Average molecular weight, g/mol, within	90-110	140-160	180-220	270-330	380-440	550-650	750-850	950-1050	ISO 4326 and Par. 4.6
Water, %, not more than	1								Par. 4.8
Freezing temperature, °C, within	-					18-25	28-35	35-41	GOST 18995.5 and Par. 4.7

PACKAGING:

Steel barrels (100-250 litres), specific stainless steel tank-containers with heating system (18, 6 m3).
When agreed with a customer another package can be used.

APPLICATION:

Polyethylene glycols are used in the production of soft pharmaceutical dosage forms; water-receptive base for cream, toothpaste, compounding ingredient of lotions, deodorants, shampoos; emulsifying agents, detergents, dispersing agents, antistatic agents in textile and leather goods industry; plasticizing agent in paper-and-pulp industry; component of lubricating fluid; in polyurethane rubber production; solvents and additives in varnish and paints; in viscose production.

Producer:**Zavod Sintanolov LLC**

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