

POLYETHYLENEGLYCOL

(PEG-200/300/400/600)

QUALITY SPECIFICATIONS					
PROPERTY	TEST METHOD	PEG 200 Value	PEG 300 Value	PEG 400 Value	PEG 600 Value
pH Value of 5% Water Solution, max.	GOST 25241	5,0 - 7,5	5,0 - 7,5	5,5 - 7,5	5,0 - 7,5
Water mass content, %, max.	§ 2 of GOST 14870 (Fisher Method)	0,5	0,5	0,5	0,5
Sulfate Ash mass content, %, max.	GOST 12417	0,2	0,2	0,1	0,1
Kinematic Viscosity at (40±0.3) oC		21 - 25	31 - 35	-	60 - 66
Loss of mass at drying, %, max.	FS 42-1242-96	-	-	3,0	-
Free acetic acid mass content, %, max.	FS 42-1242-96	-	-	0,024	-
Hydroxyl Number, mg of KOH/g, max.	GOST 25261	510 - 625	340 - 415	260 - 290	172 - 205
Mono- and Di-ethyleneglycol mass content, %, max.	FS 42-1242-96	-	-	0,25	-
Colour of 25% water solution, Hazen units, max.	GOST 18522	25	25	25	25
Ethylene oxide mass content, %, max.	FS 42-1242-96	-	-	0,01	-
Iron mass content, %, max.	FS 42-1242-96	-	-	0,0001	-