

药用辅料聚乙二醇 (PEG) 系列产品

产品名称		PEG-400	PEG-600	PEG-1000	PEG-1500	PEG-4000	PEG-6000
序号	指标名称	指标值	指标值	指标值	指标值	指标值	指标值
1	性状	几乎无色 粘稠液体	软蜡状	白色蜡块状	白色蜡块状	白色片状	白色片状
2	平均分子量	380-420	570-630	900-1100	1350-1650	3400-4200	5400-7800
3	粘度mm ² /s	37-45	56-62	8.5-11.0	3.0-4.0	5.5-9.0	10.5-16.5
4	酸度 PH	4.0-7.0	4.0-7.0	4.0-7.0	4.0-7.0	4.0-7.0	4.0-7.0
5	澄清度与颜色	澄清无色	澄清无色	澄清无色	澄清无色	澄清无色	澄清无色
6	炽灼残渣%	≤0.20	≤0.20	≤0.20	≤0.20	≤0.20	≤0.20
7	凝点 C	—	—	33-38	41-46	50-54	53-58
8	羟值 mgKOH/g	264-300	187-197	107-118	70-80	25-32	16-22
9	水份 %	≤2.0	≤2.0	≤2.0	≤1.0	≤1.0	≤1.0
10	环氧乙烷%	≤0.0001	≤0.0001	≤0.0001	≤0.0001	≤0.0001	≤0.0001
11	二氧六环%	≤0.001	≤0.001	≤0.001	≤0.001	≤0.001	≤0.001
12	甲醛%	≤0.003	≤0.003	≤0.003	≤0.003	≤0.003	≤0.003
13	相对密度	1.110-1.140	1.115-1.145	—	—	—	—
14	乙二醇%	≤0.25	—	—	—	—	—
15	二甘醇%	≤0.25	—	—	—	—	—
16	重金属PPM	≤5	—	—	—	—	—
17	砷盐%	≤0.0003	—	—	—	—	—

Polyethylene Glycols for Medicinal Use

Product name:		PEG-400	PEG-600	PEG-1000	PEG-1500	PEG-4000	PEG-6000
No.	Item	Specification value	Specification value	Specification value	Specification value	Specification value	Specification value
1	Appearance	Clear viscous liquid	Thick paste	White waxy solid	White waxy solid	White flake	White flake
2	Average molecular weight	380-420	570-630	900-1100	1350-1650	3400-4200	5400-7800
3	Viscosity mm ² /s	37-45	56-62	8.5-11.0	3.0-4.0	5.5-9.0	10.5-16.5
4	PH	4.0-7.0	4.0-7.0	4.0-7.0	4.0-7.0	4.0-7.0	4.0-7.0
5	Clarity degree and color	Clear and colorless	Clear and colorless	Clear and colorless	Clear and colorless	Clear and colorless	Clear and colorless
6	Residue on ignition %	≤0.20	≤0.20	≤0.20	≤0.20	≤0.20	≤0.20
7	Freezing point C	—	—	33-38	41-46	50-54	53-58
8	Hydroxyl value (mgKOH/g)	264-300	187-197	107-118	70-80	25-32	16-22
9	Moisture %	≤2.0	≤2.0	≤2.0	≤1.0	≤1.0	≤1.0
10	EO %	≤0.0001	≤0.0001	≤0.0001	≤0.0001	≤0.0001	≤0.0001
11	Dioxane %	≤0.001	≤0.001	≤0.001	≤0.001	≤0.001	≤0.001
12	Formaldehyde %	≤0.003	≤0.003	≤0.003	≤0.003	≤0.003	≤0.003
13	Gravity	1.110-1.140	1.115-1.145	—	—	—	—
14	Ethylene glycol %	≤0.25	—	—	—	—	—
15	Diglycol %	≤0.25	—	—	—	—	—
16	Heavy metal PPM	≤5	—	—	—	—	—
17	Arsenic salt %	≤0.0003	—	—	—	—	—