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PEG 4000

Physical and chemical properties – typical values

PROPERTIES	VALUES	METHOD
HYDROXYL NUMBER (mg KOH/g):	25.50 – 31.17	ASTM E-326 / N.F. XVIII
MOLECULAR WEIGHT (g/mol):	3600 – 4400	N.F. XVIII
pH:	4.5 – 7.5	N.F. XVIII
APPEARANCE (in 25% aqueous solution):	clear, free of impurities	N.F. XVIII
VISCOSITY 210°F, cSt:	110 – 158	N.F. XVIII
COLOUR (APHA):	35 MAX	N.F. XVIII
MEG/DEG CONTENT (%):	0.25 MAX	N.F. XVIII
WATER CONTENT (%):	0.24 MAX	N.F. XVIII
1.4-DIOXANE FREE ETHYLENE OXIDE (ppm):	10 MAX	N.F. XVIII
COMBUSTION RESIDUE (%):	0.1 MAX	N.F. XVIII
ARSENIC (ppm):	3 MAX	N.F. XVIII
HEAVY METALS (Pb, ppm):	5 MAX	N.F. XVIII
BENZENE (ppm):	100 MAX	N.F. XVIII
CHLOROFORM (ppm):	50 MAX	N.F. XVIII
TRICHLORETHYLENE (ppm):	100 MAX	N.F. XVIII
METHYLENE CHLORIDE (ppm):	100 MAX	N.F. XVIII