

## SPECIFICATION

**PRODUCT: PEG(POLY ETHYLENE GLYCOL) 4000**

PROPERTIES	SPECIFICATION	UNITS	TEST METHOD
MOLECULAR WEIGHT	3,700 ~ 4,300	-	LC METHOD
APPEARANCE(25°C)	SOLID	-	VISUAL
COLOR(50°C)	≤80	APHA	ASTM D 1209
PH	5.5 ~ 7.5	-	ISO 4316
HYDROXYL VALUE	26.1 ~ 30.3	mgKOH/g	ASTM D 4252
HUMIDITY	≤0.5	w%	ASTM D 4672
LIMITS OF MEG/DEG	≤0.27	w%	LC METHOD
CINEMATIC VISCOSITY AT 99 °C	110~ 165	CST	LC METHOD
ETYLEN OXYD AND/OR 1,4 FREE DIOXEN	≤0.1	w%	LC METHOD
IGNITION RESIDUOS	≤3	ppm	LC METHOD
ARSENIC	≤3	ppm	LC METHOD
HEAVY METALS(PB,HG,CD,CR)	FREE	-	LC METHOD
BENCEN	≤100	ppm	LC METHOD
CHLOROFORMUS	≤50	ppm	LC METHOD
METYLEN CHLORO	≤100	ppm	LC METHOD
TRICHLORO ETHYLEN	≤100	ppm	LC METHOD

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AS THE MANUFACTURER