



Jini SCM (S) Pte. Ltd

Pinnacle of Chemical Sourcing

"Reg No 200901394H"

SPECIFICATION

POLYTETRAMETHYLENE ETHER GLYCOL (PTMEG 1000)

PRODUCT SPECIFICATION

DESCRIPTION	SPECIFICATION
MELECULAR WEIGHT (g/mol)	1000 ± 50
HYDROXYL NUMBER (mgKOH/g)	106.9 – 118.1
COLOR	MAX. 40 APHA
ACID NUMBER	MAX. 0.05 mgKOH/g
WATER	MAX. 200 wt ppm
STABILIZER	220 ± 50 wt ppm as BHT

PHYSICAL PROTERTIES

APPEARANCE	A WHITE WAXY SOLID, AND MAY BECOME TRANSPARENT LIQUID OVER A ROOM TEMPERATURE
AVERAGE MOLECULAR WEIGHT	1000
HYDROXYL NUMBER	112
VISCOSITY (Cps, 40 °C)	310
SPECIFIC GRAVITY (40/4 °C)	0.975
REFRACTIVE INDEX (nD)	1.463
MELTING POINT (Tm, °C)	24
GLASS TRANSITION POINT (Tg, °C)	-76
BOILING POINT (°C)	More than 204
FLASH POINT (open cup, °C)	Mort than 260
ALKALINITY (mlN/1000HCL/30g)	From -3.0 to + 1.0
IRON (wt ppm)	Less than 1



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SOLUBILITY	READILY SOLUBLE IN ALCOHOLS, ESTERS AND KETONES, AROMATIC AND CHLORINATED HYDROCARBONS. INSOLUBLE IN ALIPHATIC HYDROCARBONS AND WATER. HAS A TENDENCY TO DECREASE ITS SOLUBILITY AS MOLECULAR WEIGHT INCREASE.
HYGROSCOPICITY	THESE PTMEG ARE ALL HYGROSCOPIC. AT ROOM TEMPERATURE, PTMEG CAN ABSORB UP TO 2% WATER DEPENDING ON THE MOLECULAR WEIGHT.

PACKING : IN 200 STANDARD STEEL DRUM

1 x 20' FCL = 16 MT WITHOUT PALLET

COUNTRY OF ORIGIN : KOREA

CODE NO. : POLYTETRAMETHYLENE ETHER GLYCOL 1000 – KOR - HYC