



**DATSCO RESOURCES INC**

2275 UPPER MIDDLE ROAD EAST  
 SUITE 101 OAKVILLE  
 ON L6H0C3 CA  
 PHONE: +14373402451

**Material: Polytetramethylene Ether Glycol (PTMEG)**  
**CAS No.: 25190-06-1**  
**Product of Origin: P.R. China**

**DESCRIPTION OF THE PRODUCT**

PTMEG is a white waxy solid, it turns into transparent liquid when the temperature is higher than room temperature. It dissolves easily in alcohols, esters, ketones, aromatic hydrocarbons and hydrocarbon chlorides. It does not dissolve in water or fatty hydrocarbons. The solubility of the material would be dropped when the molecular weight increases. At room temperature, PTMEG is a good absorbent of water with the maximum level up to 20% depending on its molecular weight.

**SALES SPECIFICATION**

GRADE	PTMEG1000	PTMEG1800	PTMEG2000
Molecular weight	1000±50	1800±50	2000±50
Viscosity(40°C ,cP)	270	1215	1225
Refraction Ratio(nD25)	1.463	1.464	1.464
Molten Point (Tm, C°)	24	28	32
Hydroxide Number (mgKOH/g)	106.6-118.1	60.6-64.1	54.7-57.5
Water Content (wt.ppm)	100 max.	150 max.	150 max.
Chroma (APHA)	30 Max.		
Acidity Value (mgKOH/g)	0.05		
Peroxides (wt.ppm as H2O2)	2		
Volatility (wt.ppm)	0.1		
Stability (wt.ppm as BHT)	250±50		
Metals (wt.ppm as Fe)	1 max		



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### APPLICATION SCOPE (SUGGESTION)

PTMEG is an important raw material for the production of polyurethane, such as PU fibers, polyurethane elastomeric, synthesized leathers, paint additives, adhesives and sealants), polyesters and polyamides.

### PACKAGE

200kg/Steel Drum, ISO Tank. Or as per customers' requirement

### STORAGE

Store it in a cool, dry place temperature below 20°C, keep away from any fire or heat source, avoid exposing to the direct sunlight

During transportation and storage, the material should be stored in a totally closed container sealed with nitrogen, and the containers must have heating facility outside or inside to keep the internal temperature at 50°C, when frozen, it could be heated up to 70°C for 24 hours to melt, it should not be stored at 90°C for a long time.

### SHELF LIFE

24 month in the proper condition.