

**GRM401 Poly(ethylene glycol) MW 6000**

**Product Number Packing**

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GRM401 : 500G

**Product Information**

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Product Code : GRM401  
Product Name : Poly(ethylene glycol) MW 6000  
Synonym : PEG 6000  
Molecular Formula :  $H(OCH_2 CH_2)_n OH$   
Average Molecular Weight : 5000-7000  
CAS No. : 25322-68-3  
HS Code : 3907 20 11  
Shelf Life : 4 years

**Technical Specification**

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Appearance : White to almost white waxy like solid or flakes or powder  
Solubility : 1000 mg soluble in 1 mL of water  
pH (5% in water at 20°C) : 4.50 - 7.50  
FTIR (KBr disc) : Matches with the standard pattern  
Congealing point : 55 - 61°C  
Water (K.F.) :  $\leq 1.0\%$   
Hydroxyl value : 16.0 - 22.0 mg KOH/g  
Sulphated ash :  $\leq 0.20\%$

**Risk and Safety Information**

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WGK : 1  
Storage Temperature(°C) : Store below 30°C

**Transport Information**

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Marine Pollutant : No  
ADR/RID : Not Dangerous Goods  
IMDG : Not Dangerous Goods  
IATA : Not Dangerous Goods