



Trafa Pharmaceutical Supplies, LLC

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Specification Sheet

Polyethylene Glycol (PEG) 8000

Typical Physical Properties Polyethylene Glycol 8000

| | |
|---|-------------|
| Range of Avg. Molecular Weight: | 7000 - 9000 |
| Range of Average Hydroxyl Number, mg KOH/g: | 12 - 16 |
| Density, g/cm ³ @ 70°C: | 1.0863 |
| Melting or Freezing Range, C: | 55 - 62 |
| Solubility in Water at 20°C, % by wt: | 62 |
| Viscosity at 100°C, cSt: | 821.8 |
| Average Number of Repeating Oxyethylene Units: | 181.2 |
| Avg. Liquid Specific Heat, cal/g/°C: | 0.50 |
| Heat of Fusion, Cal/g 41 pH at 25°C, 5% Aqueous Solution: | 4.5 - 7.5 |
| Flash Point, Pensky Martens Closed Cup, C: | 224 |
| Flash Point, Cleveland Open Cup, °C: | 270 |
| Physical Form: | Powder |

Conclusion: The material meets the USP/BP standards.

Note: The above information is based on the specification sheet received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by :

Abdullah Malik (QA)