

Technical Data Sheet

1. General product information	
Product name :	PEG4000
Chemical name:	Polyether glycol
CAS number:	25322-68-3
Product Description:	PEG4000 is a non-ionic polymer that is easy to process in its solid form. Its key functions include excellent lubricity, dispersibility, moisture retention, film-forming properties, and antistatic properties. In the pharmaceutical industry, it is used as an excipient and a matrix for suppositories and ointments; in cosmetics, it regulates product viscosity and melting point; in the rubber industry, it serves as a vulcanization activator and dispersant; and in various fields such as textiles, metal processing, and papermaking, it provides lubrication, dispersion, and antistatic properties.

2. Specifications Table		
Parameters	Physical and Chemical Properties	Test Method
Appearance(25°C)	Milky white solid	Visual assessment
OH Number (mgKOH/g)	25 - 32	GB/T 7383-2007
Cloud point (°C)	-	GB/T 5559-2010
pH value	4.0-7.0	GB/T 12008.2-2010
Water content (%)	-	GB/T 22313-2008
Iodine value (g I ₂ /100 g)	-	General Rules 0713, Chinese Pharmacopoeia

※ The above data is for reference only and should not be construed as technical indicators.

3. Properties and Applications

Used as softeners, antistatic agents, lubricants, and dispersants in the textile and metalworking industries

Used as wetting agents, defoamers, and dispersants in the paper, pesticide, and coatings industries

Used as humectants, solubilizers for inorganic salts, and viscosity modifiers in the household chemicals industry, as well as in personal care products and cosmetics

4. Storage and Handling

Store in dry and cool location and protect the product from heat and direct sunlight. In enclosed original container product keeps stable for at least 2 years. keep the container tightly sealed. Prior taking portions all the lot must be homogenised. please refer to the Safety Data Sheet (MSDS) for this product for instructions on safe and proper handling and disposal.

The information provided in this document is based on the best of our knowledge and experience. It is intended as a general description of our product specifications and shall not constitute a guarantee or agreement regarding the quality of the specified products, respectively. The customer remains responsible for the inspection and testing of the specified products, as well as any supplementary information and documents provided alongside with the specified products, in particular the material safety data sheets, in order to determine their suitability for their particular application.