

**TECHNICAL DATA SHEET****Methoxy Polyethylene Glycol, MW 160, 350, 550, 750, 1000, 2000, 5000, 10k, 20k, 30k, 40k**

Catalog Numbers: MPEG-160, 350, 550, 750, 1k, 2k, 5k, 10k, 20k, 30k, 40k

**Description:**

Nanocs' Methoxypolyethylene glycols (**MPEGs**) are water-soluble linear polymers formed by the ring-opening addition of ethylene oxide units to methoxy end unit with different molecular weight ranges from 160 to 40 kD. These products are non-toxic, non-irritating, have good solubility in water, does not hydrolyze and deteriorate, with very narrow molecular weight distribution. Their properties make them among the most versatile chemical ingredients and processing aids available to formulators and manufacturers of a wide range of products.

Nanocs' Polyethylene Glycols (PEGs) and Methoxypolyethylene Glycols (MPEGs) are premium-grade products developed to meet the stringent regulatory compliance requirements of the pharmaceutical industry as well as the needs of personal care, food product and other applications governed by similar standards.

**Product Structure:****Product Specifications:**

- Molecular weight: 160~40000 Da.
- Appearance: Viscous liquid or white solid depends on MW.
- Moisture Content: <0.5%.
- Molecular weight: +-15% around its mean MW.

**Handling and Use:**

The information given in this document is to the best of our knowledge accurate, but no warranty is expressed or implied. It is the user's responsibility to determine the suitability for their own use of the products described herein, and since conditions of use are beyond our control, we disclaim all liability with respect to the use of any material supplied by us. Nothing contained herein shall be construed as a recommendation to use any product or to practice any process in violation of any law or any government regulation.

For best use, **methoxy PEG** should always be kept in low to room temperature in dry condition. Protect from light. Prepare fresh solution right before use. Avoid frequent thaw and freezing. For more information about using this product, visit [www.nanocs.net](http://www.nanocs.net).

**Storage Conditions:**

**mPEG** should be stored at 4-25 °C. Desiccate. Protect from light. Materials may be handled under inert gas for best stability. Re-test material after 6 months.

**This product is for research use only and is not intended for use in humans or for diagnostic use.**

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