

# Technical Bulletin

## Pluriol® E 8000 Polyethylene Glycol



Pluriol® E 8000 is a polyethylene glycol that is 100% active.

### Applications:

Polyethylene glycols can be used as thickeners, lubricants, mold release agents, defoaming agents, softeners, conditioners, antistats, sizing agents and dispersants. They can also be used to make chemical intermediates such as fatty acid esters, and as grain refining agents in inks.

### Shelf Life:

BASF will endorse the results on the certificate of analysis for a period of up to two years from the date of manufacture for material in original, unopened, properly stored containers. Beyond two years, we recommend the quality of the material be confirmed prior to use, by retesting the certificate of analysis parameters.

Please refer to the Material Safety Data Sheet (MSDS) for this product for instructions on safe and proper handling and disposal.

Specifications	
Color, APHA (25% solution)	50 max.
Water, weight %	Cast Solid – 0.1 max. Prill / Pastille – 0.75 max.
pH (5% aqueous solution)	4.5 – 7.5
Average molecular weight, g/mol	8000 - 9500

Typical physical properties	
Form	Cast Solid / Prill Pastille
Specific gravity, 77°/25°C	1.083
Viscosity, CS at 99°C	750
Melt Point	61°C
Cloud point, 1% aqueous.	>100°C
Foam height (Ross Miles, 0.1% aqueous at 50°C)	2 mm
Surface tension (0.1% aqueous)	62 dynes/cm at 25°C
Flash point (C.O.C.)	>255°C
Solubility in water	>10%

Pluriol® is a registered trademark for BASF in many countries.

### For More Information:

*Order Placement*

To place orders for delivery in the United States or Canada, please call our toll free number (800) 443-6460.

### For Other Information

Including product literature and Material Safety Data Sheets please call (734) 324-6101.

### Or Visit Our Website At:

[www.performance.basf-corp.com](http://www.performance.basf-corp.com)

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