

# SPECIFICATIONS



Product Code: 28005

Date: 09/14/09

## PEO-27 INCI Name: PEG-160M

**DEFINITION:** PEO-27 is the polymer of ethylene oxide that conforms generally to the formula:



**DESCRIPTION:** PEO-27 is a water soluble, very mild, nonionic polymer compatible with most personal care ingredients. It adds lubricity to a formulation and has excellent film forming properties. Use concentration: 0.1-1%

### GENERAL DATA:

CAS Number	25322-68-3 (generic)
Physical Form @25°C	White Powder
App. Molecular Weight	7,200,000
Softening Point, °C	65 – 67
Bulk Density, g/cm <sup>3</sup>	0.30

### SPECIFICATIONS:

Viscosity (0.5% w/w aqueous)	600 – 800 cps
pH (0.5% w/w aqueous)	6 - 8
Particle Size	<16 Mesh

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