

## Polyethylenimine, branched (MW 1,800)

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**CAS Number:** 9002-98-6



Highly branched polyamine with high charge density. Liquid polymers. Soluble in water at all molecular weights, also soluble in lower alcohols, glycols, and THF. Polymers contain primary, secondary, and tertiary amine groups in approximately 25/50/25 ratio.  
See poly(2-ethyl-2-oxazoline) for precursors to linear polyethylenimine.

99% polydispersity 1.14

**Formula:**  $(-\text{NHCH}_2\text{CH}_2-)_x[-\text{N}(\text{CH}_2\text{CH}_2\text{NH}_2)\text{CH}_2\text{CH}_2-]_y$

**Molecular Weight:** 1,800

**Density:** 1.029-1.038

**Viscosity:** 8500-15,000 cps

**TSCA**

**Hazards:** ✕ Irritant

**Handling:** Glove, chemical goggles & fume hood

**Storage:** Store at room temperature

**Code:** H6g - ([hazard/handling/storage codes](#))

Catalog No.	Packaging Size
06089-100	<b>Size:</b> 100 g
06089-500	<b>Size:</b> 500 g

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