

Polyethylenimine, branched (MW 10,000)

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%

Formula: $(-NHCH_2CH_2-)_x[-N(CH_2CH_2NH_2)CH_2CH_2-]_y$

Molecular Weight: 10,000

Density: 1.029-1.038

Viscosity: >10,000 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
19850-100	Size: 100 g
19850-500	Size: 500 g
