

SPECIFICATION

Polyacrylamide

Parameters	Specification
CAS Number	2594446
Appearance	White to off-white powder
Molecular Formula	(C ₃ H ₅ NO) _n
Molecular Weight	5000000 g/mol
Boiling Point	500 °C
Melting Point	230 °C
Flash Point	350 °C
Purity	98–99%
Refractive Index	1.52
Solubility	Soluble in water; insoluble in most organic solvents
Uses	Flocculant in water treatment; papermaking additive; thickener in cosmetics and personal care; oil recovery; soil stabilization



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