

SPECIFICATION

Ammonium Polyacrylate

Parameters	Specification
CAS Number	2594383
Appearance	White to off-white powder
Molecular Formula	$[-\text{CH}_2-\text{CH}(\text{COONH}_4)-]^n$
Molecular Weight	250000 g/mol
Boiling Point	350 °C
Flash Point	240 °C
Purity	98–99%
Refractive Index	1.5
Solubility	Soluble in water; insoluble in most organic solvents
Uses	Used as a thickener, stabilizer, and water retention agent in cosmetics, personal care products, textiles, and papermaking; acts as a rheology modifier



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