

## SPECIFICATION

### Sodium Polyacrylate

Parameters	Specification
CAS Number	2594415
Appearance	White to off-white powder
Molecular Formula	(C <sub>3</sub> H <sub>4</sub> O <sub>2</sub> ) <sub>x</sub> .xNa
Molecular Weight	250000 g/mol
Boiling Point	350 °C
Flash Point	260 °C
Purity	98–99%
Refractive Index	1.5
Solubility	Soluble in water; insoluble in most organic solvents
Uses	Thickener and stabilizer in cosmetics and personal care products; binder and thickener in detergents, paints, and papermaking