

## Technical Data Sheet

### Item

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Name	Carbomer
Synonyms	PAA, PAAc, Acrysol, Acumer, Alcosperse, Aquatreat
Cas number	9003-01-4
Grade	940

### Application

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Clear Hydroalcoholic gels, Hair Styling gels, Shampoo, Bath gels, Lotion

### Packaging

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20KG Box

### Specifications

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Parameter	Specification
Appearance	White Powder
Odor	Slight Acetic
Mass fraction of Brookfield Viscosity, 25°C, PH 7 With 19% NaOH, cPs	0.2% 19,000-35,000 (Spindle 6, 20 rpm) 0.5% 40,000-60,000 (Spindle 7, 20 rpm) 1.0% 45,000-80,000 (Spindle 7, 20 rpm)
Mass fraction of Loss on Drying, %	<2.0
Mass fraction of Heavy Metals (Pb, As, Hg, Sb), ppm	<10
Mass fraction of Clarity, % Transmission, % (0.5% Neutralization Solution, 420 nm light)	>85
Mass fraction of Residual Benzene, ppm	<1,000