

Technical Data Sheet

Item

Name	Carbomer
Synonyms	PAA, PAAc, Acrysol, Acumer, Alcosperse, Aquatreat
Cas number	9003-01-4
Grade	980

Application

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

Packaging

15KG Box

Specifications

Parameter	Specification
Appearance	White Powder
Odor	Slight Acetic
Mass fraction of Brookfield Viscosity, 25°C, PH 7 With 19% NaOH, cPs	0.2% 13,000-30,000 (Spindle 6, 20 rpm) 0.5% 40,000-60,000 (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 Solvent, ppm (Ethyl Acetate + Cyclohexane),	<4500