

Product: **CQpol 980**

Item Number: 248211

INCI Carbomer

CAS # 9007-20-9

DESCRIPTION CQpol 980 is a high molecular weight, crosslinked acrylic polymer designed for use as a thickening, suspending, and stabilizing agent in water-based formulations. It is valued for its excellent efficiency in creating clear gels and stable emulsions. CQpol 980 provides excellent rheology control, particularly in systems requiring high clarity and viscosity.

APPLICATION

Personal Care: Thickening and stabilizing agent in gels, creams, lotions, and serums; used in clear styling gels, hand sanitizers, and facial treatments; imparts a smooth texture with excellent spreadability

Pharmaceutical: Employed in topical formulations like gels and creams for delivering active ingredients; stabilizes emulsions and suspends particles

Household Products: Used in cleaning and polishing formulations to enhance consistency and stability

Industrial Applications: Rheology modifier in specialty coatings and adhesives requiring precise flow control

TYPICAL PROPERTIES

Appearance	Fluffy white powder
Viscosity @ 25 °C (mPa·s) (0.2% aq)	13000 – 30000
Viscosity @ 25 °C (mPa·s) (0.5% aq)	40000 – 60000
Solution Clarity (% Transmission) (0.2% aq)	85 Min.
Solution Clarity (% Transmission) (0.5% aq)	85 Min.
Loss on Drying (%)	2.0 Max.
Residual Acrylic Acid (%)	0.25 Max.
Residual Ethyl Acetate/Cyclohexane (%)	0.45 Max.
Bulk Density (g/100 ml)	19.5 – 23.5

HANDLING & STORAGE

Store in original sealed container in a cool, dry, and well-ventilated area. Keep away from direct sunlight. Handle in accordance with good industrial hygiene and safety practices.

PACKAGING 20 KG BOX