

Carboxymethyl Cellulose (CMC)

Paper Making Grade

Specification:

Test Item	NX -5G	NX -10G	NX -50	NX -100
Degree of substitution (D.S)	≥0.90	≥0.90	≥0.90	≥0.90
Viscosity (2% aqueous solution 25° C)	-	-	10-60	60-120
Viscosity (4% aqueous solution 25° C)	10-50	50-200	-	-
Sieve 80µM (Residue) %	-	-	-	-
pH value	6.0-8.5	6.0-8.5	6.0-8.5	6.0-8.5
Chloride (as NaCl %)	≤3.0	≤3.0	≤3.0	≤3.0
Moisture (%)	≤8	≤8	≤8	≤8

Properties:

When used for paper making industry as sizing and coating agent it has high degree of substitution, wide range of viscosity for choice.

Used extensively in the paper industry as both for internal and surface sizes.

In paper conservation CMC can perform two roles: to repel oil and grease to enhance the fiber-to-fiber bonding which makes the paper stronger and more durable.

In paper coloring, it can help control the pigments slurry flowing.