

## Carbotal FX 50

**Carbotal FX 50** is a purified water soluble polymer derived from naturally occurring cellulose. It is widely used in paper industry as thickener. Sodium carboxymethyl cellulose has good water retention, dispersability and excellent shear thinning resistance.

Molecular formula  $[C_6H_7O_2(OH_2)OCH_2COONa]_n$

CAS No. 9004-32-4

### Specifications

Chemical base.....Carboxymethyl cellulose, sodium salt

Purity (on dry basis), min. ....96 – 99 %

Appearance: white to off white color powder or granules

Solubility: soluble in water

Moisture content (packed), max. : .....10 %

Degree of substitution .....0.6 – 0.95

Viscosity BF(soln.2%), cps ..... 20 – 60

Viscosity BF(soln.4%), cps ..... 200 - 600

pH (soln.2 % deionized water), max..... 6.5 – 8.0

### Advantages

- Good rheology and film-forming properties;
- Reduction of paper porosity and improve the oil resistance of the paper;
- Used as a thickener
- Excellent water retention agent

### Usage and Dosage:

The generally recommended dosage is 0.3 -1.5%.

### Packing and Storage:

25kg Kraft paper bag, or other packing as client request.

Store in cool, dry, clean and ventilated area

For more information our technical team ready for co operation

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