

PRODUCT DATA SHEET

CARBOXYMETHYL CELLULOSE (CMC)

1. Product Name

Carboxymethyl Cellulose (CMC)

2. General Description

CMC is a water-soluble polymer produced only from cellulose chemically reacted with carboxy-methyl (anionic) groups. The product obtained is further purified to significantly increase the active polymer content.

It's widely used in oil and gas field industry for applications of fluid loss control, viscosity and shale inhibition. The product is a free-flowing and/or granular powder.

3. Packaging

Standard package size is 25 kgs or 50 lbs multi-wall paper sacks with a plastic liner. Customized package such as bulk bag is available upon customers' request.

4. Storage and Shelf Life

The shelf life is limited to 2 years, it is important to store the products in a dry and well-conditioned place in order to achieve the maximum storage period.

5. Safety and Handling

Refer to Material Safety Data Sheet (MSDS) for detailed safety information.

6. Specifications

Typical grades and specifications are listed in the table A. Customization is optional.

CMC LV

Items	Standard
Starch or starch derivatives presence	No
Solution Properties	
Viscosity dial reading at 600 r/min	Max. 90
Filtrate volume, ml	Max. 10

CMC HV

Items	Standard
Starch or starch derivatives presence	No
Solution Properties	
Viscosity dial reading at 600 r/min	
- in deionized water	Min. 30
- in 40 g/l salt solution	Min. 30
- in saturated salt water	Min. 30
Filtrate volume, ml	Max. 10