



Colombia

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TECHNICAL DATA SHEET

Kemsel 29 PB

Specification 50121

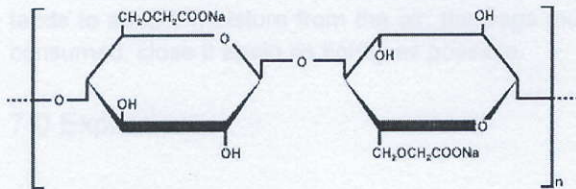
1.0 Physicochemical data

Chemical name: Sodium Carboxymethyl Cellulose(CMC)

Other names: CMC, Cellulose Gum, NaCMC

Water-Soluble Anionic Cellulose Ether.

Chemical Formula



2.0 General Features

Item	Accepted Levels	Method
Moisture, %	10.0 max	ASTM-D1439
Purity DB, %	98.0 min	ASTM-D1439
DS	0.70 – 0.90	ASTM-D1439
Viscosity LVF 1%, 25°C, Sp2, 30 RPM, cps	800 – 1000	ASTM-D1439
pH, 25°C	6.0 – 8.0	Amtex Method
Retention over M-40, %	5.0 max	Amtex Method

3.0 Sensory Characteristics

Item	Description
Color	Creamy to white
Odor	Odorless
Flavor	Flavorless

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4.0 Applications

This kind of CMC is used as a thickener, stabilizer, and water retainer agent in the industry.

5.0 Packing and Presentation

The CMC comes in bags of 25 kilos with multi-paper covers and an inside plastic liner. The name of the product, the specification number, date of manufacturing, lot number and other requirements made by the client are printed on the bags.

6.0 Storage

CMC must be stored in a cool and dry place, best indoors. The product is a hygroscopic solid which tends to absorb moisture from the air, the bags must be closed at all times. If the content is partially consumed, close it again as tightly as possible.

7.0 Expiration

Amtex SA has defined as criterion of expiration for its product a period of 2 years starting on the date of manufacture, this time is provided only as reference for our customers to make a preferential consumption of their inventories, in order to prevent any loss of its properties. However, by the nature of the product, and as a result of a natural process, the viscosity may decrease over time, still outside the specification range, but the product is still safe to use. So we recommend that the material must be re-checked after a long storage period and, if necessary, make a small correction in the dosage levels to maintain an optimum performance on the application. Obviously, this is only possible when the product has received a proper handling during storage.

8.0 Regulations

Not apply.

Notice. This information is given as general guidelines, is not a warranty do to the lack of control that we have over the application, use and processing that the customer may give to our product. All data here corresponds to current knowledge and test results obtained in our labs and plant, but they are not a warranty to the specific properties of the products or its convenience for a particular use. We suggest our clients to carry out their own tests in order to find the most suitable conditions on the usage of our product. Users must observe all norms regarding usage and application of the CMC. Please contact us if you need any technical assistance.

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Change Control

EDITION	COMMENTS	AUTHOR
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