

Midso Chemical Industry

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Product technical data sheet

MIDFORM PC3

MIDFORM PC3 is a low viscosity Carboxymethyl Cellulose designed for application in papermaking industry. This material is dispersible in cold and hot water.

Specification

Viscosity (2%)	: 10-50 c.p.
Viscosity at 25°C (Brookfield LV)	
DS	: 0.7-0.8
Humidity	: max 8%
Purity	: min 90%
pH	: 6.5 – 8.5

Packaging

MIDFORM PC3 is packed in FFS three layer Polyethylene bags. Net weight is 20 kg. We recommend emptying the bags from the bottom. The empty bags can be recycled or burned.

Application

In papermaking industry, Carboxymethyl Cellulose CMC can be used in pulp-making process to enhance the residence and wet

strength; in surface sizing, it can act as the excipient of pigment to enhance the internal cohesive power, reduce printing dust and improve the printing quality; in paper coating, it is beneficial for the dispersion and flow ability of pigment and can enhance the finish, smoothness, optical performance and printability. In general, the suggested dosage is 0.3-1.5%.

Safety instructions, Storage and Shelf Life

Like many industrial processed powdery materials, Carboxymethyl Cellulose dusts are combustible and can cause dust explosions. Dust formation must be avoided or kept to a minimum. Care should be taken to prevent ignition from heat, spark, open flames or hot surface. In unopened bags, under cool, dry condition in original packaging, MIDFORM PC3 can be stored for at least 2 years. In opened bags, the moisture content of MIDFORM PC3 will be influenced by the air humidity.

The above information is best to our knowledge and provided for manufacturing purposes. Midso makes no warranty or guarantee concerning the handling, use or application of such product whether alone or in combination with other products in case an unexpected events occur. Users are advised to make their own tests to determine the suitability and performance of the product.