

Midso Chemical Industry

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Product technical data sheet

MIDSO ME40 LS

MIDSO MD40 LS is a low viscosity Carboxymethyl Cellulose designed for application in mining industry. This material is dispersible in cold and hot water.

Specification

Viscosity (2%)	: 300-500 c.p.
Viscosity at 25°C (Brookfield LV)	
DS	: 0.75 – 0.9
Humidity	: max 8%
Purity	: 60%
pH	: 6.5 – 8.5

Packaging

MIDSO ME40 LS 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

CMC is used in mining industry as pellet binder and floating selection inhibitor. CMC is a component of the binder for mineral dust

shaping, and the binder is an indispensable ingredient in pellet forming. It can improve the character of wet pellet, dry pellet and calcinated pellet. Due to its good binding property and pellet forming property, the green pellet with CMC has excellent antiknock performance, high compressive strength and dropping resistance. CMC is an adjusting agent in floating selection process, it is used as silicate gangue inhibitor, controlling the lead in copper and lead separating, and sometimes it is used as dispersant for mineral mud.

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, MIDSO ME40 LS can be stored for at least 2 years. In opened bags, the moisture content of MIDSO ME40 LS 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.