

Bermocell 100K2

Bermocell 100K2 is a non-ionic, water soluble cellulose ether. It improves the consistency, the stability and the water retention of water based paints and latex based putty.

Specifications

Appearance	Off-white powder
Particle size	98 % \leq 600 μ m
Water content	\leq 6 %

Characteristics

Viscosity at 20 °C (Brookfield LV), 1% solution	\geq 10000 mPa.s
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Notes:

Bermocell 100K2 is a high viscosity grade of methyl ethyl hydroxyethyl cellulose.

Applications

Bermocell 100K2 is used in water based paints and latex based putty for thickening and stabilizing effects. Normal dosage is 0,1-0,5 % calculated on the total paint weight. Bermocell 100K2 is easily dispersed in cold water of pH 7 or less. Bermocell 100K2 can form lumps when added to an alkaline liquid. The dissolving time after dispersion is influenced by the water pH. Alkaline additives can be used to speed up the dissolving process.

Packaging and transport

Like many industrial processed powdery materials, cellulose ether 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. Bermocell 100K2 is packed in polyethylene plastic bags. Net weight 20 kg. We recommend emptying the bags from the bottom. The empty bags can be recycled or burned. In unopened bags, Bermocell 100K2 can be stored for several years. In opened bags, the moisture content of Bermocell 100K2 will be influenced by the air humidity. At the temperatures above 250°C (480°F), charring of Bermocell 100K2 will occur. At high temperatures and in contact with an open flame, Bermocell 100K2 will burn slowly with the characteristics of cellulose.

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