

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 % ≤ 600 µm
Water content	≤ 6 %

Characteristics

Viscosity at 20 °C (Brookfield LV), 1% solution	≥ 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.

All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable. Nouryon, however, makes no warranty as to accuracy and/or sufficiency of such information and/or suggestions, as to the product's merchantability or fitness for any particular purpose, or that any suggested use will not infringe any patent. Nouryon does not accept any liability whatsoever arising out of the use of or reliance on this information, or out of the use or the performance of the product. Nothing contained herein shall be construed as granting or extending any license under any patent. Customer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes. The information contained herein supersedes all previously issued information on the subject matter covered. The customer may forward, distribute, and/or photocopy this document only if unaltered and complete, including all of its headers and footers, and should refrain from any unauthorized use. Don't copy this document to a website.

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The logo for Nouryon, featuring a stylized blue 'N' followed by the word 'ouryon' in a blue sans-serif font.