Bermocoll E 320 X

Ethyl hydroxyethyl cellulose

Bermocoll® E 320 X is a non-ionic, water soluble cellulose ether. It improves the consistency, the stability, and the water retention of water based products.

Specifications

Appearance	Whitish powder
Particle size	98 % ≤ 425 µm
Salt content	≤ 5 %
Water content	≤ 5 %

Characteristics

pH, 1% solution	7
Surface activity	Weak
Viscosity at 20 °C (Brookfield LV), 2% solution	1850-2650 mPa.s

Notes:
Bermocoll® E 320 X is a low viscosity grade of ethyl hydroxyethyl cellulose.

Applications

Bermocoll® E 320 X is used as stabilizer and thickener in flooring compounds. Bermocoll® E 320 X is also used in low viscouse mortars.

Storage

In unopened bags, Bermocoll® E 320 X can be stored for several years. In opened bags, the moisture content of Bermocoll® E 320 X will be influenced by the air humidity.

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. Bermocoll® E 320 X is packed in a polyethylene bag. Net weight 20 kg. We recommend emptying the bags from the bottom. The empty bags can be recycled or burned. In unopened bags, Bermocoll® E 320 X can be stored for several years. In opened bags, the moisture content of Bermocoll® E 320 X will be influenced by the air humidity.At the temperatures above 250°C (480°F), charring of Bermocoll® E 320 X will occur. At high temperatures and in contact with an open flame, Bermocoll® E 320 X will burn slowly with the characteristics of cellulose.

Safety and handling

Bermocoll® E 320 X is intended for dry mixing with other powder materials and should not be used for direct dissolving in water. At the temperatures above 250 °C (480 °F), charring of Bermocoll® E 320 X will occur. At high temperatures and in contact with an open flame, Bermocoll® E 320 X will burn slowly with the characteristics of cellulose.

Certifications

Nouryon Chemicals AG has been certified according to ISO 9001, ISO 14001 and OHSAS 18001.