BERMOCOLL E 320 FQ

Ethyl hydroxyethyl cellulose

BERMOCOLL E 320 FQ 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 % ≤ 500 µm
Salt content	≤ 5 %
Water content	≤ 5 %

Characteristics

pH, 1% solution	5-7
Surface activity	Weak
Viscosity at 20 °C (Brookfield LV), 2% solution	1850-2650 mPa.s

Notes:
BERMOCOLL E 320 FQ is a low viscosity grade of ethyl hydroxyethyl cellulose.

Applications

BERMOCOLL E 320 FQ is used in latex paints, particularly for stabilizing the dispersion state with only moderate simultaneous viscosity increase. Normal dosage is 0.5-0.8 % calculated on the total paint weight. BERMOCOLL E 320 FQ is easily dispersed in cold water of pH 7 or less. BERMOCOLL E 320 FQ can form lumps when added to an alkaline liquidTo avoid this, it should be added as a ready stock solution, as slurry in slight acid water or in an organic solvent, or as a dry mix with other powder materials.The dissolving time after dispersion is influenced by the water pH. Alkaline additives can be used to speed up the dissolving process.

Storage

In unopened bags, BERMOCOLL E 320 FQ can be stored for several years. In opened bags, the moisture content of BERMOCOLL E 320 FQ will be influenced by the air humidity. At the temperatures above 250 °C (480 °F), charring of BERMOCOLL E 320 FQ will occur.

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 FQ is packed in a polyethylene bags. Net weight 20 kg. We recommend emptying the bags from the bottom. The empty bags can be recycled or burned.

Safety and handling

At high temperatures and in contact with an open flame, BERMOCOLL E 320 FQ will burn slowly with the characteristics of cellulose.

For more information, please visit our website at www.nouryon.com.