



Carbocel MM 8

Chemical Description

Purified Carboxymethylcellulose, sodium salt

Main Use

Binder and thickening agent for glazes and engobes.

Typical Values

Appearance at 20 °C: Whitish powder

pH (2% solution): 6 - 8.5

Viscosity (2% solution, Brookfield LVT @ 20 °C, 60 rpm): 50 - 100 cP

Moisture at the packaging: Max. 8%

Product Properties

CARBOCEL MM 8 is a purified grade medium/low viscosity Carboxymethyl cellulose (CMC).

CARBOCEL MM 8 is a suitable binder and rheology modifier for engobes and glaze slips with high content of plastic raw materials.

Applications

The dosage of CARBOCEL MM 8, to add to the glaze, depends on the application and can vary from 0.05% to 0.5% on dry content.

CMC can be added directly into the mill at the beginning of the milling or during the final grinding stages; alternatively it can be added before applying the glaze preparing a 4 - 5% of water mother solution.

This solution is obtained simply by dissolving the powder in water under agitation.

Typical dosages of CARBOCEL MM 8 are:

- glaze for single firing and monoporosa applied by bell: 0.20 - 0.35% on solids
- glaze for double firing applied by bell: 0.05 - 0.15% on solids
- glazes for single firing applied by disk: 0.35 - 0.50% on solids

Storage and Handling

CARBOCEL MM 8 is stable to prolonged storage under conditions where extreme moisture does not occur. The shelf life is at least twelve months if this condition is observed.

Packaging

25 KGs five-ply multiwall paper bag having two plies coated with polyethylene.

Material Safety

“ Detailed health and safety information can be found in our safety data sheet, available according to ECC Directive.”