



PEPTAPON 5

Suspension stabilizer for glazes and engobes

Chemical basis

Hydrocolloid preparation

Characteristics

Appearance	beige-coloured powder
Solubility	disperses in water to form a gel
Bulk density	approx. 500g/l

Shelf-life / Packaging

12 months when stored under proper and dry conditions | Bags of 20 kg

Application

PEPTAPON 5 is a non-foaming, inorganic gelling agent that prevents the separation and hard packing of glazes, engobes and particularly of glazes containing raw materials with a specifically high density.

Glazes containing PEPTAPON 5 can be applied to vertical surfaces without streaking. PEPTAPON 5 improves the bond between glaze and body and prevents beading at the edges.

The optimum addition quantity depends on the individual working conditions and requirements and varies between 0.05 and 0.5%, but is usually 0.1 - 0.3% on dry glaze.

PEPTAPON 5 is either added to the glaze powders during milling, or added as 3% stock solution.

Glazes containing PEPTAPON 5 do not tend to a decrease in viscosity even during prolonged storage.

