



DOLAPIX EV 4788

Dispersing agent for glazes and engobes

Chemical basis

Polycarboxylic acid, sodium salt

Characteristics

Appearance	yellowish liquid
Active matter	approx. 43 %
Solubility	water-miscible
Density (20 °C)	approx. 1.30 g/cm ³
pH (original)	approx. 8
Residue on ignition	approx. 15 %

Shelf-life / Packaging

12 months under proper storage conditions | drums of 30, 150 and 1100 kg

Application

DOLAPIX EV 4788 is suitable for the deflocculation of various glazes and engobes used in the tableware industry. This dispersing agent allows the production of glaze and engobe slips with a high solids content. The slips are stable in viscosity and show Newtonian flow behavior. This leads to optimum preparation properties for usual application procedures in the tableware industry (dipping, spraying or double disk application).

DOLAPIX EV 4788 should be added at the beginning of the slip preparation either to the mill or dissolver. A later regulation of the slip viscosity at the glazing line is also easily possible. As DOLAPIX EV 4788 is liquid and hence is completely dissociated, it has deflocculating effects immediately after being added to the slip. Furthermore, it can be homogeneously mixed with the slip.

Having different compositions, glazes and engobes react very differently to various dispersing agents. Therefore, it is necessary to run preliminary tests to determine the most effective deflocculant with its optimum dosage. Here, further DOLAPIX- and GIESSFIX-types are available.

For glazes and engobes used in the tableware industry, an addition quantity of 0.05 - 0.3 % of DOLAPIX EV 4788 has proved successful.

Other important preparation properties of the slip, such as for example rheology, drying time, sedimentation, and preservation, are optimized by using others of our glaze additives, such as PEPTAPON, OPTAPIX, STELLMITTEL and PREVENTOL® - types. DOLAPIX EV 4788 is well compatible with all above mentioned glaze additives at any ratio.

The above results have been obtained from trials in our laboratory and plant.
In the light of changing conditions they can serve only as a guide and are therefore offered without obligation.
We ask you to observe the possible rights of third parties.

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