

OPTAPIX AC 170

Additive for slip casting / Temporary binder



Chemical basis:

Aqueous dispersion of polymers

Characteristics:

Appearance: white liquid
Active matter: approx. 43 %
Solubility: water-miscible
pH: approx. 7
Viscosity (20 °C): approx. 20 mPas

Shelf-life / Packaging:

12 months under proper conditions (+ 2 °C to + 30 °C)
drums of 30 and 140 kg, containers of 1000 kg

Application:

OPTAPIX AC 170 brings about an increase in the green and dry breaking strength.

OPTAPIX AC 170 can be used for conventional casting bodies as well as for pressure casting bodies.

Bodies prepared with OPTAPIX AC 170 show an even and rapid drying behaviour. Cracking due to different shrinkage in the mould is avoided.

On account of the body's homogeneity and the high plasticity of the cast pieces, they can be de-moulded earlier. However, they are characterized by a good strength. Hollow casting bodies show a good outflow behaviour; streaks are to a large extent prevented.

Bodies prepared with OPTAPIX AC 170 are, in general, characterized by stable rheology.

The amount to be added varies between 0.05 and 0.4 % related to the solids content of the body or slip. The optimum addition quantity must be determined in your own trials.

Note: Store the drums always tightly closed!

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.