

ZUSOPLAST G 112

Pressing and lubricating agent



Chemical basis:

Preparation of wetting agents

Characteristics:

Appearance:	colourless liquid
Active matter:	approx. 99.5 %
Solubility:	water-miscible
Density (20 °C):	approx. 1.25 g/cm ³
pH (10 %):	approx. 5
Viscosity (20 °C):	approx. 1300 mPas

Shelf-life / Packaging:

12 months under proper conditions
drums of 30 and 130 kg, containers of 1000 kg

Application:

ZUSOPLAST G 112 is a pressing and lubricating agent, which is particularly suitable for the application in aqueous extrusion mixes. It increases the lubricating ability of the mix and reduces the friction between the body and the machine components. ZUSOPLAST G 112 has surface active properties and therefore allows an easier and more homogeneous incorporation of the batch components into the batch.

Thanks to its special composition, ZUSOPLAST G 112 acts as a wetting agent and hence is suitable for the use in drying-sensitive products. In these products, ZUSOPLAST G 112 permits a slower and more even drying of the bodies, thus avoiding the formation of drying cracks.

Usual addition quantities range between 0.5 and 3.0 % ZUSOPLAST G 112, related to the solids content of the body.

ZUSOPLAST G 112 can also be used as a softening agent for various organic binders (e. g. those based on PVA). This facilitates the crushing of prepared granules in the subsequent pressing procedure, hence minimizing the integral structures in the pressed part. For this application sector, the general addition quantity of ZUSOPLAST G 112 ranges between 10 and 20 %, related to the amount of binder.

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.