

# ZUSOPLAST G 72

## Pressing agent / Lubricant



### Chemical basis:

Polyoxyethylene preparation

### Characteristics:

Appearance: colourless liquid  
Solubility: water-miscible  
Density (20 °C): approx. 1.10 g/cm<sup>3</sup>  
pH (10 %): approx. 10  
Viscosity (20 °C): approx. 850 mPas  
Residue on ignition: max. 0.1 %

### Shelf-life / Packaging:

12 months under proper storage conditions  
drums of 30 and 140 kg

### Application:

ZUSOPLAST G 72 is a nonfoaming pressing and lubricating aid for dry pressing bodies and extrusion bodies.

It is particularly suitable for compositions in which additional plasticization is required.

The formation of lubricating layers means that ZUSOPLAST G 72 facilitates the flow under pressure, thus leading to homogeneous compaction during the pressing process. This contributes to a reduction in the structural stresses which could result in damage occurring in the technological steps that follow.

The formation of a lubricating layer between the body and the mould wall reduces the frictional forces set up there, and thus contributes to a reduction in wear and tear.

On account of its relatively high mean molecular weight ZUSOPLAST G 72 absorbs water, and thus has an additional plasticizing effect.

The amount added to spray-dried bodies is ca. 0.1 to 0.3 %, to dry pressing bodies and to extrusion bodies up to ca. 2 % based on the solids content of the slip and the body respectively.

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.