



# ZUSOPLAST E 1

## Pressing agent / Lubricant



### Chemical basis:

Low-hazardous hydrocarbons

### Characteristics:

Appearance: pale yellow liquid  
Solubility: emulsifiable with water  
Density (20°C): approx. 0.76g/cm<sup>3</sup>  
Viscosity (20°C): approx. 2mPas

### Shelf-life / Packaging:

12 months under proper conditions  
drums of 20, 150 and 750kg

### Application:

ZUSOPLAST E 1 is used as a pressing agent and lubricant in the ceramics production. The formation of a lubricating layer between the body and the mould wall reduces the frictional forces there and thus contributes to reducing wear and tear.

ZUSOPLAST E 1 can be immediately incorporated into extrusion mixes, where it serves to reduce the friction in the pressing cylinder and the die.

ZUSOPLAST E 1 forms a fine emulsion with water, which can be easily incorporated. The addition to a spray slurry allows the preparation of a ready-to-press granulate after the spray drying process.

ZUSOPLAST E 1 acts as a pressure equalizing agent through the formation of lubricating layers within the mix, thus facilitating the flow under pressure.

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.