



ZUSOPLAST G 63

Pressing agent / Lubricant



Chemical basis:

Polyoxyethylene preparation

Characteristics:

Appearance:	colourless liquid
Solubility:	water-miscible
Density (20 °C):	approx. 1.13 g/cm ³
pH (10 %):	approx. 6
Viscosity (20 °C):	approx. 120 mPas
Residue on ignition:	max. 0.1 %

Shelf-life / Packaging:

12 months under proper storage conditions
drums of 30 and 125 kg

Application:

ZUSOPLAST G 63 is a nonfoaming, alkali-free pressing agent. It is particularly suitable for the production of bodies by spray granulation on account of its universal slip compatibilities.

The formation of lubricant layers means that ZUSOPLAST G 63 facilitates the flow of the press granules under pressure, thus leading to homogeneous compaction during the pressing process. This contributes to a reduction in the structural stresses which could lead to damage during subsequent processing, in particular, cracks and spalling.

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

When spray-dried bodies are processed, ZUSOPLAST G 63 also acts as a plasticizer within the individual granules. This means that complete destruction can take place during the pressing process and no granulate structures remain.

ZUSOPLAST G 63 is characterized, in particular, by good wetting properties.

The amount added to spray-dried bodies is ca. 0.1 to 0.3 %, up to ca. 2 % to dry pressing bodies 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.