

ZUSOPLAST WE 8

Binding and pressing agent / Lubricant



Chemical basis:

Non-ionic wax dispersion

Characteristics:

Appearance:	white liquid
Active matter:	approx. 55 %
Solubility:	water-miscible
Density (20 °C):	approx. 0.95 g/cm ³
pH (10 %):	approx. 6
Viscosity (20 °C):	approx. 400 mPas
Residue on ignition:	max. 0.1 %

Shelf-life / Packaging:

6 months under proper conditions; protect from frost!
drums of 25, 120 and 950 kg

Application:

ZUSOPLAST WE 8 is used as a binder and pressing agent for the manufacture of ceramically bonded abrasive tools.

During processing 2.0 to 8.0 % of the additive is added to the body as make up water and mixed in homogeneously. Then, in the case of bodies for automatic machines, the water is evaporated by drying at 70 to 80 °C. This causes a uniform wax layer to form on the surface of the particles, which acts as a pressure-equalizing agent during the moulding process, and hence leads to homogeneous compaction, and reduces internal friction. At the same time, the friction between the body and the mould wall is reduced, so that wear and tear on the mould is minimised.

ZUSOPLAST WE 8 also increases the dry breaking strength which makes it possible to process the pressed wheels while they are green.

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.