

# ZUSOPLAST O 31

## Release agent



### Chemical basis:

Low-hazardous hydrocarbons

### Characteristics:

Appearance: yellow liquid  
Solubility: water-insoluble  
Density (20 °C): approx. 0.78 g/cm<sup>3</sup>  
Residue on ignition: max. 0.1 %  
Viscosity (20 °C): approx. 5 mPas

### Shelf-life / Packaging:

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

### Application:

ZUSOPLAST O 31 is used as a separating agent for steel and plastic moulds.

The effect depends on the production of a lubricating layer between the body and the mould wall. The resulting reduction in friction permits a longer working life for moulds and dies.

Depending on the body composition and the complexity of the pressed or extruded part, ZUSOPLAST O 31 should be added at 0.5 - 5.0%.

In contrast to conventional separating oils the precise products of combustion of ZUSOPLAST O 31 can be predicted on account of its defined composition. The product decomposes without residue to CO<sub>2</sub> and H<sub>2</sub>O in the oxidizing atmosphere of the kiln. Hence it pollutes the environment significantly less on account of the low emissions. The contents of pollutants, such as sulphur, benzene, xylene and toluene, are below the detection limits.

The odour produced during the production process is also considerably less than for conventional separating oils.

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.