

# ZUSOPLAST O 76

## Release agent



### Chemical basis:

Low-hazardous hydrocarbons

### Characteristics:

Appearance: yellow liquid  
Solubility: water-insoluble  
Density (20 °C): approx. 0.82 g/cm<sup>3</sup>  
Residue on ignition: max. 0.1 %  
Viscosity (20 °C): approx. 5 mPas

### Shelf-life / Packaging:

12 months under proper conditions  
drums of 25, 150 and 780 kg

### Application:

ZUSOPLAST O 76 is used as separating agent in steel and resin moulds. The effect depends on the production of a lubricating layer between the body and the mould wall. The reduction in friction which this brings about, permits a longer working life for the moulds.

Depending on the body composition and the complexity of the pressed or extruded part, ZUSOPLAST O 76 is added at 0.5 - 5.0 %.

In contrast to conventional separating oils, the precise products of combustion of ZUSOPLAST O 76 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 content 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.