



# GLYDOL N 193

## Wetting and plasticizing agent

### Chemical basis

Ester, anionic

### Characteristics

|                     |                                |
|---------------------|--------------------------------|
| Appearance          | colourless liquid              |
| Active matter       | approx. 65%                    |
| Solubility          | water-miscible                 |
| Density (20 °C)     | approx. 1.06 g/cm <sup>3</sup> |
| pH (10 %)           | approx. 6                      |
| Viscosity (20 °C)   | approx. 60 mPas                |
| Residue of ignition | approx. 5 %                    |

### Shelf-life / Packaging

12 months under proper storage conditions | drums of 30, 130 and 1000 kg

### Application

GLYDOL N 193 is suitable, on account of its surface activity, for use as a wetting and plasticizing agent for clay-containing bodies. The use of this additive makes it possible to reduce the mixing water content while maintaining the same plasticity, or to increase the plasticity with the same quantity of mixing water.

The improved flow properties mean that friction between the body and the mould wall is reduced. It is also possible to make the forward motion in the extrusion bodies more uniform.

GLYDOL N 193 reduces the surface tension of the mixing water, which, because of improved wetting, leads to optimised incorporation within the layer silicate lattice of swellable clay minerals and to an optimal distribution of water through the whole body.

The amount to be added varies between 0.05 and 0.5 % of the solids content of the body being processed.

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.  
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