Technical Leaflet

WorléeSol 30, 100 %

Art.-No. 111055-00629 Revision: 27.02.09

W´Sol 30 is a chemically modified, very low viscous linseed oil polymer.

**Technical Data:**

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non volatile content, 1h/125 °C, DIN EN ISO 3251</td>
<td></td>
<td>100%</td>
</tr>
<tr>
<td>Appearance</td>
<td></td>
<td>slightly turbid to clear solution</td>
</tr>
<tr>
<td>Flow time, 20 °C, 85% in butyl glycol, DIN 53211-4</td>
<td></td>
<td>50 - 100 s</td>
</tr>
<tr>
<td>Acid value, on solids, DIN EN ISO 3251</td>
<td></td>
<td>max. 20</td>
</tr>
<tr>
<td>pH value, 40% solution in water, DIN ISO 976</td>
<td></td>
<td>4 - 5</td>
</tr>
<tr>
<td>Colour, Gardner, 85% in butyl glycol, DIN ISO 4630</td>
<td></td>
<td>max. 15</td>
</tr>
<tr>
<td>Density, 20 °C, DIN EN ISO 2811-1</td>
<td></td>
<td>approx. 1.02 g/cm³</td>
</tr>
</tbody>
</table>

**Delivery form**

100%

**Application and Properties:**

Due to the main characteristics of W´Sol 30, 100% like solubility with water - only given if 10-15% co-solvent (calculated on solids) are added - and solvents (e.g. white spirit), high and easy pigmentation, freeze/thaw stability and high gloss there are many interesting application fields, like e.g.

- printing inks
- additive for dispersion systems
- pigment preparations or tinting colours
- artists' paints
- temporary anticorrosive paints

and also in fields where the approved qualities of linseed oil products are required.
Driers:
We recommend the addition of the following driers:

0.06% cobalt
0.02% manganese
0.50% lead

Metal calculated on W´Sol 30 solids.
Cobalt drier acts more as a through drier in W´Sol 30 systems and relatively high levels are recommended. Small amounts of manganese stabilize the drying. Lead drier and/or lead pigments improve the through cure particularly at lower temperature. The driers should be incorporated into the W´Sol 30 before reduction with water. A convenient method is to mix the driers into a portion of W´Sol 30 before thinning with water.

Recommended Storage and Transport Conditions:

Up to 25 °C.
Avoid direct sunlight.