**Grinding resin**

**TEGO® VariPlus LK**

**DESCRIPTION**

TEGO® VariPlus LK is a grinding resin for low-VOC solventborne colorants. It provides outstanding viscosity reduction and color strength development. It shows broad compatibility with binders of various polarities.

**KEY BENEFITS**

- allows the formulation of low-VOC colorants
- excellent color strength development
- outstanding compatibility
- low-VOC concentrates possible

**EFFECT**

- Pigment wetting
- Viscosity reduction
- Gloss
- Hardness

**SUITABILITY**

- waterborne
- solventborne
- 2-pack 100%
- radiation-curing

**TYPICAL APPLICATIONS**

- Pigment concentrates
- High solid industrial coatings
- Wood coatings
- Floor coatings

**TECHNICAL DATA**

- active matter content: 92 %
- appearance: liquid
- chemical description: ketone-aldehyde condensation resin
- solvent: butyl acetate

**SOLUBILITY**

<table>
<thead>
<tr>
<th>Solvent</th>
<th>Water</th>
<th>Ethanol</th>
<th>TPGDA</th>
<th>Acetone</th>
<th>Butylacetate</th>
<th>Mineral Spirits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solubility</td>
<td>⚫</td>
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<td>⚫</td>
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<tr>
<td>Soluble</td>
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<td>Partly soluble</td>
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<tr>
<td>Not soluble</td>
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**RECOMMENDED ADDITION LEVEL**

- As supplied calculated on inorganic pigment: 15.0 - 40.0 %
- As supplied calculated on organic pigment: 30.0 - 120.0 %
- As supplied calculated on carbon black: 40.0 - 200.0 %

**PROCESSING INSTRUCTIONS**

- Add to the grind before dispersion.
- Addition as supplied or as a predilution is possible.
- Combinations with suitable wetting and dispersing additives yield optimum results.
- Please refer to our webpage for starting point formulations.

**HANDLING & STORAGE**

When stored in an original unopened packaging between +4 and +40 °C, the product has a shelf life of at least 24 months from the date of manufacture.

**MSDS & REGULATORY INFORMATION**

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