Nanocomposite
NANOPOL® C 784

DESCRIPTION
NANOPOL® C 784 shows the highest performance in scratch- and abrasion-resistance without influencing the gloss or transparency of the coating.

KEY BENEFITS
- highest scratch- and abrasion-resistance
- suitable for all gloss levels
- totally transparent

EFFECT
- Scratch- and abrasion resistance
- No decrease of gloss & transparency
- Barrier effect
- Flexibility
- Reduction on cure shrinkage
- Adhesion on glass/aluminium

TYPICAL APPLICATIONS
- Metal UV-coatings
- Plastic UV-coatings
- 2-pack clear coatings
- Wood coatings

TECHNICAL DATA

<table>
<thead>
<tr>
<th>active matter content</th>
<th>50 wt-%</th>
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<tbody>
<tr>
<td>appearance</td>
<td>turbid</td>
</tr>
<tr>
<td>chemical description</td>
<td>50 wt.-% 20 nm nano silica particles in n-butyacetate</td>
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<tr>
<td>solvent</td>
<td>n-butyacetate</td>
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<tr>
<td>viscosity at 25 °C</td>
<td>Approx 15 mPas</td>
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RECOMMENDED ADDITION LEVEL
As supplied calculated on total formulation: 10 - 20 %

PROCESSING INSTRUCTIONS
- Addition in delivery form after the grinding stage under stirring for homogenisation.
- Please test ingredients about compatibility.

HANDLING & STORAGE
When stored in an original unopened packaging between +4 and +40 °C, the product has a shelf life of at least 15 months from the date of manufacture.

MSDS & REGULATORY INFORMATION

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