

# TECHNICAL INFORMATION

Revision: 0  
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## NEWOTEC<sup>®</sup> 327

<b>Product Category:</b>	Dispersing agent for PVC pastes												
<b>Fields of Application:</b>	Filled PVC formulations, especially with high filler load												
<b>Product Characteristics:</b>	<ul style="list-style-type: none"><li>➤ optimized for low VOC applications</li><li>➤ good colour stability</li><li>➤ free of APEO and phthalates</li><li>➤ additional viscosity reducing effect</li></ul>												
<b>Chemical Composition:</b>	Mixture containing long-chain fatty acid esters, phosphate esters and substituted polyglycoethers												
<b>Technical Data:</b>	<table><tr><td>Appearance (20 °C):</td><td>colourless - yellowish liquid</td></tr><tr><td>Active content:</td><td>100%</td></tr><tr><td>Flash point:</td><td>&gt;120 °C</td></tr><tr><td>Boiling range:</td><td>&gt;200 °C</td></tr><tr><td>Solidification range:</td><td>Approx. 0°C</td></tr><tr><td>Compatibility:</td><td>compatible with many PVC paste formulations within the recommended concentration range</td></tr></table>	Appearance (20 °C):	colourless - yellowish liquid	Active content:	100%	Flash point:	>120 °C	Boiling range:	>200 °C	Solidification range:	Approx. 0°C	Compatibility:	compatible with many PVC paste formulations within the recommended concentration range
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<b>Packaging:</b>	drum / IBC												
<b>Use concentration:</b>	<table><tr><td>lowest:</td><td>1% referring to the weight of the <u>filler</u> content</td></tr><tr><td>highest:</td><td>4 phr in the paste</td></tr></table> <p>We strongly recommend to carry out own lab tests in order to determine the optimum dosage, especially when the recommended highest use concentration is exceeded.</p>	lowest:	1% referring to the weight of the <u>filler</u> content	highest:	4 phr in the paste								
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### **Application:**

NEWOTEC<sup>®</sup> 327 should be added to the liquid components during the preparation of the paste. The paste will then maintain a reduced viscosity when the filler and other solid ingredients are added.

NEWOTEC<sup>®</sup> 327 leads to a homogeneous dispersion of powdered solids in the carrier liquid, prevents or reduces the formation of agglomerates which gives a free-flowing PVC paste of lower viscosity.

### **Further Information:**

NEWOTEC<sup>®</sup> 327 has good colour stability and does not significantly affect the heat stability of common PVC paste formulations under common processing conditions.

NEWOTEC<sup>®</sup> 327 has an additional viscosity reducing effect which is much stronger compared to pure dispersants.

The data in this technical information are derived from practical experience. They do not guarantee specific product properties or the suitability of the product for particular applications. Lab or pilot tests should be carried out in any case. Due to many different possible process conditions we cannot assume any liability. Any existing industrial patent rights have to be respected. Additional information on product properties pertaining to working safety as well as environmental protection can be found in the material safety data sheet.