

# TECHNICAL INFORMATION

Revision: 1  
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## NEWOLAN<sup>®</sup> 285

<b>Product Category:</b>	Viscosity depressant for PVC pastes												
<b>Fields of Application:</b>	Most kinds of PVC paste formulations												
<b>Product Characteristics:</b>	<ul style="list-style-type: none"><li>➤ low odour</li><li>➤ optimized for low-VOC applications</li><li>➤ free of any APEO and phthalates</li><li>➤ negligible plasticizing effect on PVC</li></ul>												
<b>Chemical Composition:</b>	Preparation containing long-chain fatty acid esters and low volatile hydrocarbons												
<b>Technical Data:</b>	<table><tr><td>Appearance (20 °C):</td><td>yellowish liquid</td></tr><tr><td>Active content:</td><td>100%</td></tr><tr><td>Flash point:</td><td>&gt;150 °C</td></tr><tr><td>Boiling range:</td><td>&gt;280 °C</td></tr><tr><td>Solidification range:</td><td>&lt; 0°C</td></tr><tr><td>Compatibility:</td><td>compatible with most PVC paste formulations within the recommended concentration range</td></tr></table>	Appearance (20 °C):	yellowish liquid	Active content:	100%	Flash point:	>150 °C	Boiling range:	>280 °C	Solidification range:	< 0°C	Compatibility:	compatible with most PVC paste formulations within the recommended concentration range
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<b>Packaging:</b>	drum / IBC / bulk												
<b>Use concentration:</b>	Usually 1 to 5 phr, depending on the paste viscosity  We strongly recommend to carry out own lab tests in order to determine the optimum dosage, especially when the recommended upper limit is exceeded.												

# NEWOLAN<sup>®</sup> 285

### **Application:**

NEWOLAN<sup>®</sup> 285 stands out for low VOC emissions and has almost no odour in production as well as in the final product.

NEWOLAN<sup>®</sup> 285 should be added to the liquid components during the preparation of the PVC paste. The PVC powder and filler can then be easier blended in due to lower viscosity. It can, however, also be stirred into a ready-mixed paste prior to processing. The viscosity reducing effect will be almost the same in both cases.

### **Further Information:**

NEWOLAN<sup>®</sup> 285 does not significantly affect the heat stability of common PVC paste formulations.

In clear transparent PVC formulations it is recommended to determine the maximum dosage in lab tests before. NEWOLAN<sup>®</sup> 285 might affect the transparency of the final product, especially when quantities above the recommended upper limit are added.

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.