

TECHNICAL INFORMATION

Revision: 1
Date: 09.07.2013
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NEWOTEC[®] 308

Product Category:	Dispersing agent for PVC plastisols														
Fields of Application:	Filled PVC formulations, especially with high filler load														
Product Characteristics:	<ul style="list-style-type: none">➤ optimized for low emission➤ free of APEO and phthalates														
Chemical Composition:	Preparation containing long-chain fatty acid esters, partial esters and fatty acids														
Technical Data:	<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>>120 °C</td></tr><tr><td>Boiling range:</td><td>>220 °C</td></tr><tr><td>Solidification range:</td><td>< 0°C</td></tr><tr><td></td><td>reversible haziness possible below approx. 5°C</td></tr><tr><td>Compatibility:</td><td>compatible with all commonly used PVC plastisol formulations within the recommended concentration range</td></tr></table>	Appearance (20 °C):	yellowish liquid	Active content:	100%	Flash point:	>120 °C	Boiling range:	>220 °C	Solidification range:	< 0°C		reversible haziness possible below approx. 5°C	Compatibility:	compatible with all commonly used PVC plastisol formulations within the recommended concentration range
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Packaging:	drum / IBC														
Use concentration:	<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</td></tr></table> <p>We strongly recommend to carry out own lab tests in order to determine the optimum dosage, especially when more than 4 phr are added.</p>	lowest:	1% referring to the weight of the <u>filler</u> content	highest:	4 phr										
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Application:

NEWOTEC[®] 308 must be added to the liquid components during the preparation of the plastisol. The plastisol will then maintain a reduced viscosity when the filler or other solid ingredients are added.

NEWOTEC[®] 308 leads to a homogeneous dispersion of solids in the plastisol, prevents the formation of agglomerates and guarantees a free-flowing plastisol in production.

Further Information:

Compared to common dispersants used in PVC plastisols, NEWOTEC[®] 308 has an additional viscosity reducing effect.

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.