

# TECHNICAL INFORMATION

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## NEWOTEC<sup>®</sup> 503

<b>Product Category:</b>	Neutralized thickener for aqueous dispersions
<b>Fields of Application:</b>	All kinds of aqueous dispersions
<b>Product Characteristics:</b>	<ul style="list-style-type: none"><li>➤ pre-neutralized</li><li>➤ fast swelling in aqueous media</li><li>➤ easy to incorporate</li></ul>
<b>Chemical Composition:</b>	Polyacrylate dispersion
<b>Technical Data:</b>	Appearance (20 °C): yellowish, viscous liquid Flash point: >100°C Boiling range: approx. 100°C Solidification range: < 5°C Compatibility: compatible with most anionic aqueous dispersions
<b>Storage:</b>	Shelf life: in originally sealed drums, approximately one year from the date of delivery under the conditions recommended below  Storage Conditions: Recommended storage temperature: min +3°C, max +40 °C Protect from frost
<b>Packaging:</b>	drum
<b>Use concentration:</b>	Approx. 0.1 to 5%  The dosage required depends on the desired viscosity of system and should be determined in own lab tests.
<b>Application:</b>	NEWOTEC <sup>®</sup> 503 can be incorporated directly into the aqueous media. It should be added in portions whilst stirring continuously at high speed. NEWOTEC <sup>®</sup> 503 is most effective within a pH range of 8-9.

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.