

# Betolin<sup>®</sup> V 30

## Thickener and stabilizer for aqueous coating systems

<b>Chemical description</b>	Betolin V 30 is an anionic readily biodegradable, swelling-retarded thickener based on polysaccharides.												
<b>Mode of action</b>	<p>Betolin V 30 satisfies the requirements imposed on a highly efficient thickener and stabilizer. It renders coating compositions pseudoplastic and counteracts sedimentation, serum formation, and reagglomeration of pigments and fillers.</p> <p>Betolin V 30 is stable towards acids, alkalis, and heat. Its solutions can be prepared with cold or hot water. Combinations with other thickeners give rise to a higher level of viscosity. The amount to be used lies between 0,05 % and 0,3 % depending on requirements and the application.</p>												
<b>Specification (average values)</b>	<table border="0"> <tr> <td>Content of active substance:</td> <td>approx. 85,0 %</td> <td>007 *)</td> </tr> <tr> <td>Bulk density:</td> <td>approx. 750,0 g/l</td> <td>042 *)</td> </tr> <tr> <td>pH value (1 % in water):</td> <td>approx. 7,0</td> <td>008 *)</td> </tr> <tr> <td>Appearance:</td> <td>yellowish powder</td> <td></td> </tr> </table>	Content of active substance:	approx. 85,0 %	007 *)	Bulk density:	approx. 750,0 g/l	042 *)	pH value (1 % in water):	approx. 7,0	008 *)	Appearance:	yellowish powder	
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	*) <i>Internal method code – description available on request</i>												
<b>Properties</b>	<ul style="list-style-type: none"> <li>- Thickener with structural viscosity,</li> <li>- Stable towards acids, alkalis, and electrolytes,</li> <li>- Readily biodegradable,</li> <li>- Non-toxic and ecologically neutral,</li> <li>- Stable to high and low temperatures,</li> <li>- Inhibits separation and the formation of deposits,</li> <li>- Dispersant effect,</li> <li>- Improves the processing properties,</li> <li>- Can be combined with other anionic and non-ionic thickeners,</li> <li>- Reacts with trivalent metal ions.</li> </ul>												
<b>Application</b>	Betolin V 30 is used as a thickener and antissettling agent in aqueous systems. It offers benefits in paints, textured finishes, and adhesives.												
<b>Note</b>	<p>Aqueous solutions of Betolin V 30 are destroyed by microorganisms. Thus a preservative is recommended.</p> <p>Our Warocid 4261 is suitable for this purpose.</p>												
<b>Storage</b>	Betolin V 30 must be kept dry and stored in the original container. It has a shelf life of 12 months in the original container.												