

# ANUVISOL 27

## TECHNICAL DATA SHEET



<b>INTRODUCTION</b>	<p>ANUVISOL 27 is a sodium salt of low-medium molecular weight polycarboxylates. It acts as a dispersing and deflocculating agent for various types of slurries in manufacturing of ceramics.</p> <p>ANUVISOL 27 is added at the grinding stage to reduce grinding time and thus reduce the energy consumption.</p> <p>Properties of ANUVISOL 27 have been engineered by properly selecting the monomer composition and through regulating the critical polymerization process.</p>
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<b>APPLICATION</b>	<p>ANUVISOL 27 is a water-soluble polymeric material and has been critically designed to enhance the performance of slurries. Many inorganic industrial products and processes require to be finely dispersed and stabilized without the addition of extra water or water-miscible solvents or excessive stabilizers.</p> <p>ANUVISOL 27 very effectively performs these functions at very economical dosages. The dosages may vary from 0.1% to 1% on polymer solid basis on slurry solids. However, actual performance test must be carried out since the composition the slurries may vary with respect to chemical structure and particle size distribution.</p> <p>ANUVISOL 27 is used for</p> <ul style="list-style-type: none"> <li>• Dispersing and stabilizing the re-dispersed Kaolin and other inorganic materials.</li> <li>• Dispersing and stabilizing high performance ceramic slurries</li> <li>• Formulating high solid concentration slurries with low viscosities.</li> <li>• Dispersing titanium dioxide, calcium carbonate etc</li> </ul>
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<b>TYPICAL PROPERTIES</b>	<p>Appearance : Pale yellow to brown liquid</p> <p>Chemical nature : Sodium poly- carboxylate</p> <p>Non-volatiles by wt. : 18-20</p> <p>pH value : 7.5-9.5</p> <p>B.F. Viscosity @30 deg C : 80-200</p> <p>#2/60 rpm, cps</p>
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<b>SAFETY DATA</b>	<p>Health Hazard: ANUVISOL 27 is alkaline in nature and harmful if swallowed. Avoid contact with skin. Use protective clothing, hand gloves, goggles, safety shoes etc., while handling this material. In case of contact or splash on eyes, wash with sufficient amount of water and consult a physician.</p> <p>Fire Hazard: ANUVISOL 27 is water-based and non-flammable.</p>
<b>STORAGE</b>	<p>Store products in tightly closed original containers at temperatures recommended on the product label.</p>
<b>PACKAGING</b>	<p>240 Kg HDPE Drums/Tanker.</p>
<b>HANDLING PRECAUTION</b>	<p>Before using this product, consult the Material Safety Data Sheet (MSDS) for details on product hazards, recommended handling precautions and product storage.</p>
<b>DISCLAIMER</b>	<p>This information is given to the best of our knowledge. There is no legally binding assurance of certain properties for a specific purpose. The customer is responsible for determining whether the product and Information provided here is appropriate for his use or not. It is the sole responsibility of the customer to ensure that any proprietary rights and existing laws and legislation are observed.</p>

