Product Description

Polymer A 12500 is 100% active nonionic silicone copolymer imparting instant wetting and drop absorption properties. It is specifically designed to impart silkness and hydrophilicity to a variety of woven and terry towel fabrics.

The copolymer is applied by padding or exhaustion. With an extremely low dosage it can give an excellent hydrophilic character as Wonderlab test results our recommendation is 1:10 of the silicone oil in the recipe.

As direct usage it can be applied 1 to 3 g/L in the padding system and 0,1 to 0,3 g/wt in exhaustion.

Applications

Polymer A 12500 is suitable for combining with hydrophilic silicone emulsions and silicone fluids.

Polymer A is used as levelling agents in coating and printing paste. It can be used as a leveling agent for solvent-based top finishing for leather and artificial leather.

Packaging

Polymer A 12500 is available in 200 kg drum and 950 Kg IBC.

Key Performance Features

- Water-soluble
- Excellent hydrophilicity
- Improves hand feel and silky touch like a thin effect
- Good shear stability, pH- temperature stability, optic and electrolyte stability
- Do not cause any oil spot even if extremely hard conditions
- Excellent compatibility with other formulating

Physical Properties

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Yellowish clear liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viscosity 25 °C</td>
<td>Max 800 cSt</td>
</tr>
<tr>
<td>Cloud point</td>
<td>20 °C (±3)</td>
</tr>
<tr>
<td>Active content</td>
<td>100 %</td>
</tr>
<tr>
<td>Ionic character</td>
<td>Nonionic</td>
</tr>
</tbody>
</table>

Typical properties are average data and are not to be used as or to develop product specifications.

Storage and Transport

Polymer A 12500 has a shelf-life of at least 1 year from date of manufacture when stored at ambient temperatures, preferably below 38 °C. Keep containers sealed when not in use to avoid absorption of water from the atmosphere.
Safety

When considering the use of any Latro’s products in a particular application, you should review our latest Safety Data Sheet and ensure that the use you intend can be accomplished safely. For Safety Data Sheets and other product safety information, contact the Latro’s Sales office nearest to you. Before handling any other products mentioned in the text, you should obtain available product safety information and take the necessary steps to ensure safety of use.

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