Texipol® rheology modifiers offer versatile thickening performance over a broad range of water-based formulations for homecare and cleaning.
Texipol® 63-400 is a rheology modifier that imparts pseudoplastic properties to aqueous-based compositions.

- Supplied as a pre-neutralised dispersion as the sodium salt of an acrylic polymer
- Provides almost immediate thickening without needing neutralisation or extra additives, helping to speed up production times and lower costs
- With 4% in water, it creates a thickened viscosity of >35,000 mPa s
- Ideal for thickening systems of pH>7, although it can be used from pH 5
- It can be used in a wide variety of aqueous binder systems including PVA, SBR, and acrylic and styrene-acrylic copolymers, and various adhesive, sealant and coating formulations

A next generation inverse emulsion synthetic thickener, Texipol® 63-425 is based on a significant proportion of bio-derived content. It imparts pseudoplastic rheology to aqueous compositions.

- Supplied as a pre-neutralised dispersion as the sodium salt of an acrylic based polymer
- Gives almost instantaneous thickening when mixed directly into aqueous formulations
- Already neutralised so there is no need to adjust the pH to activate
- Typical thickener dosages are 0.5-2.0%, though this is system dependent and higher paste viscosities may require higher addition levels
- Increased electrolyte resistance
- Good emulsification properties

Texipol® 63-450 imports a highly pseudoplastic rheology to aqueous based compositions.

- Supplied as a pre-neutralised dispersion as the sodium salt of an acrylic copolymer
- Designed to thicken over a wide pH range of 2-12, with exceptional performance at low pH
- Can thicken both acidic and alkaline compositions
- Gives stable thickening in various organic acids such as citric and glycolic acid
- Exceptional thickening performance
- Compatible with polar solvent blends

Key product features

<table>
<thead>
<tr>
<th>Product</th>
<th>Thickening efficiency</th>
<th>pH stability</th>
<th>Electrolyte resistance</th>
<th>Key feature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Texipol® 63-400</td>
<td>Good</td>
<td>5 – 11</td>
<td>OK</td>
<td>Cost effective</td>
</tr>
<tr>
<td>Texipol® 63-425</td>
<td>Good</td>
<td>6 – 12</td>
<td>V. Good</td>
<td>Bio content</td>
</tr>
<tr>
<td>Texipol® 63-450</td>
<td>Excellent</td>
<td>2 - 12</td>
<td>Good</td>
<td>Broad pH thickener</td>
</tr>
</tbody>
</table>

Physical properties

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Creamy liquid</th>
<th>Creamy liquid</th>
<th>Creamy liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific gravity at 25°C</td>
<td>1.05</td>
<td>1.13</td>
<td>1.05</td>
</tr>
<tr>
<td>Inverse emulsion viscosity</td>
<td>1500 mPa.s</td>
<td>2750 mPa.s</td>
<td>3000 mPa.s</td>
</tr>
<tr>
<td>Thickened deionized water</td>
<td>&gt;35,000 mPa.s</td>
<td>&gt;35,000 mPa.s</td>
<td>&gt;100,000 mPa.s</td>
</tr>
<tr>
<td>Polymer charge</td>
<td>Anionic</td>
<td>Anionic</td>
<td>Anionic</td>
</tr>
</tbody>
</table>

Optimum pH performance range

Our market leading technologies ensure that Texipol® products deliver an excellent thickening range in water.

Salt tolerance

- Viscosity (mPa.s) 3% salt
- Viscosity (mPa.s) 3%

Packaging and storage

All Texipol® products are available in drums and IBCs and should be stored between 5 and 30°C in the original, unopened container in a dry, well ventilated place. Protect from freezing and direct sunlight.
Contact your local representative for more information and to place an order.

Distributor details: