Acrylic Resins Plextol B 500, Plextol D 360, Plextol D 498 and Acronal 500 D

**Base**
Pure acrylate resin dispersions or dispersions of an acrylate vinyl acetate copolymer

**Plextol D 498**
Aqueous dispersion of a butyl acrylate and methyl methacrylate based copolymer.

**Acronal 500 D**
Aqueous dispersion of an acrylate and vinyl acetate based copolymer.

**Plextol B 500**
Aqueous dispersion of an ethyl acrylate and methyl methacrylate based copolymer.

**Plextol D 360**
Aqueous dispersion of a butyl acrylate and methyl methacrylate based copolymer.

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**Key figures**

<table>
<thead>
<tr>
<th>Name</th>
<th>Plextol B 500</th>
<th>Plextol D 360</th>
<th>Plextol D 498</th>
<th>Acronal 500 D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solids content</td>
<td>50</td>
<td>60</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>pH</td>
<td>9.5</td>
<td>8.0</td>
<td>9.0</td>
<td>3.5-4.5</td>
</tr>
<tr>
<td>Min. film forming temperature</td>
<td>7</td>
<td>0</td>
<td>5</td>
<td>&lt;1</td>
</tr>
<tr>
<td>State of Films</td>
<td>transp., slightly adhesive</td>
<td>transp., adhesive</td>
<td>transp., adhesive</td>
<td>non-adhesive</td>
</tr>
<tr>
<td>Glass transition temperature Tg</td>
<td>9</td>
<td>-8</td>
<td>13</td>
<td>-13</td>
</tr>
<tr>
<td>Tensile strength at break</td>
<td>3</td>
<td>-</td>
<td>4</td>
<td>1.5</td>
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<tr>
<td>Elongation at break</td>
<td>500</td>
<td>&gt;1000</td>
<td>400</td>
<td>2500</td>
</tr>
</tbody>
</table>

**Applications**

**Plextol B 500**
Medium polymer hardness, good frost resistance

**Plextol D 360**
For flexible applications, soft film, high weathering stability

**Plextol D 498**
Medium polymer hardness (harder than Plextol B 500), good water glass resistance and weathering stability

**Acronal 500 D**
Very flexible film

**Storage**
The dispersions should be protected from frost and stored at temperatures below 40° C, ideally between 10° and 30° C.

**Size**
Plastic bottles in 1 lt
Plastic buckets in 5 lt

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**Properties**
Thermoplastic, high transparency, high lightfastness

**Solubility**
Can be diluted with water