ULTRAFLOC 5100

ULTRAFLOC 5100 is a high molecular weight liquid cationic polyelectrolyte used as a primary coagulant, coagulant aid or flocculant in solid-liquid separation processes.

APPLICATION

ULTRAFLOC 5100 is used primarily for the clarification of raw and effluent waters and is effective over a wide range of turbidities and pH conditions. It yields strong, fast settling flocs and a compact sludge. ULTRAFLOC 5100 has been approved by the Department of Health for the treatment of potable water supplies at dosages up to 26 mg/l.

ULTRAFLOC 5100 can be dosed as product with in line dilution or made up to a convenient stock solution and dosed at a rate determined by jar tests. Dosages will depend on the application with best results obtained by dosing diluted product into maximum turbulence and maximising the conditioning time.

TYPICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear solution</td>
</tr>
<tr>
<td>Colour</td>
<td>Yellow to Amber</td>
</tr>
<tr>
<td>SG (at 25°C)</td>
<td>1.140 - 1.155</td>
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<tr>
<td>pH (as is at 25°C)</td>
<td>5.0 - 7.0</td>
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<tr>
<td>Viscosity (cps at 25°C)</td>
<td>550 - 750</td>
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<tr>
<td>Solids (% m/m)</td>
<td>49 - 51</td>
</tr>
</tbody>
</table>

TECHNICAL SERVICE

The Specialities division has a team of technical experts who will undertake all the necessary investigations and trials to ensure that you obtain the most effective treatment solutions. To ensure the best results are achieved optimum product dosage and ideal plant conditions are required.

OTHER PRODUCTS

The Specialities division of NCP Chlorchem specialises in water treatment and offers a wide range of products to help you obtain the purest and most cost effectively treated water.

The Specialities range includes:

POLYAMINES
DADMACS
ALUMINIUM CHLOROHYDRATE/POLYAMINE BLENDS
FERRIC CHLORIDE
FERROUS CHLORIDE
PATENTED FERRIFLOC RANGE
ALUMINIUM CHLOROHYDRATE

For further information or assistance, contact: NCP Chlorchem Specialities Division
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