DISPARLON AQ-610 is a polyamide based rheology control agent for water-borne systems. A 3-D network structure is formed by interaction of AQ-610 with the coating vehicle; as a result it prevents sagging and pigment settling. AQ-610 is different from traditional water-borne thickening agents since it has strong pseudoplasticity. AQ-610 can be easily added into systems with a dissolver.

ADVANTAGES

- Prevents hard caking by minimizing pigment settling
- Excellent humidity resistance
- Orientation of metallic and pearlescent pigments
- Highly shear thinning

TYPICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Yellowish brown to brown paste</td>
</tr>
<tr>
<td>Active component</td>
<td>Amine salt of polyamide wax</td>
</tr>
<tr>
<td>Non-volatile matter</td>
<td>15%</td>
</tr>
<tr>
<td>Solvent</td>
<td>Water/ Propylene glycol monobutyl ether</td>
</tr>
<tr>
<td>Acid value (as product)</td>
<td>14.0</td>
</tr>
</tbody>
</table>

INCORPORATION

- Make a pregel with 20 parts AQ/80 parts water and mix slowly for 20 minutes.
- Dispersing temperature is recommended between room temperature and 40°C.
- Dosage: 1.0 - 3.0 weight % as product on total formulation.
- Should be stored below 40°C.

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