DISPARN® AQH-810

(Rheology control agent for waterborne systems)

DISPARN® AQH-810 is a rheology control agent composed of a hybrid compound of a polyamide and an amide wax. DISPARN® AQH-810 forms a needle-like structure by itself in a coating system, and prevents settling and hard caking. Unlike general waterborne thickeners, DISPARN® AQH-810 can provide high thixotropic property without excess viscosity increasing. The coating solution containing DISPARN® AQH-810 has better thermo stability compared with general thickeners.

■ ADVANTAGES
- Excellent anti-settling property
- Imparts high thixotropic property without excess viscosity increasing
- Easy incorporation
- Excellent thermo stability

■ APPLICATIONS
DISPARN® AQH-810 can be used in a wide range of waterborne coating systems.

■ INCORPORATION
Additive levels: 1.0 ~ 5.0% by wt on total formulation.
Method: Can be added at each production stage. Post-addition at a final production stage with a dissolver is recommended.
Keep temperature from a room temperature up to 40°C during dispersing.

■ TYPICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Yellow paste</td>
</tr>
<tr>
<td>Active matter</td>
<td>15% by wt.</td>
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<tr>
<td>Amine</td>
<td>N, N-dimethylethanolamine</td>
</tr>
<tr>
<td>Solvent</td>
<td>Water / Propylene glycol monomethyl ether</td>
</tr>
<tr>
<td>Acid value</td>
<td>8.7</td>
</tr>
</tbody>
</table>

■ STORAGE
- Keep from freezing. Freezing causes severe degradation of quality and performance.