NYACOL® DP6255–NH4

NYACOL® DP6255–NH4 is an alkaline colloidal ceria sol. The product has been developed for applications where the formulation requires an alkaline system and sodium or potassium is undesirable.

The dispersed size is typically 15 – 30 nm, and the sol is translucent yellow in appearance. The product is pure CeO$_2$ containing no dopants. In coatings, DP6255–NH4 has excellent UV absorption with high visible transparency.

**TYPICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>DP6255–NH4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>1.18</td>
</tr>
<tr>
<td>CeO$_2$, wt%</td>
<td>15 – 19</td>
</tr>
<tr>
<td>pH</td>
<td>8.5 – 9.5</td>
</tr>
<tr>
<td>Zeta Potential</td>
<td>-35 mv</td>
</tr>
<tr>
<td>Viscosity, cP</td>
<td>3 – 5</td>
</tr>
<tr>
<td>Appearance</td>
<td>Translucent Yellow</td>
</tr>
</tbody>
</table>

**PACKAGING**

NYACOL® DP6255–NH4 is available in 5– or 55-gallon plastic drums. Customized packaging is available.

**STORAGE**

NYACOL® DP6255–NH4 should not be subjected to temperatures of 32°F or below to avoid freezing.

**SAFETY**

NYACOL® DP6255–NH4 is alkaline and has a slight ammonia odor and may cause eye and skin irritation. Users should observe precautions printed on the package label. A Safety Data Sheet for this product will be supplied on request.

**FOR ADDITIONAL INFORMATION OR TO PLACE AN ORDER**

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