NANOMETRIC, STEARATE SURFACE TREATED PRECIPITATED CALCIUM CARBONATE

This PCC is specially produced to nanometric size. It is surface treated with stearic acid to increase its ease of dispersion. Consider this nanometric PCC a high performance filler and functional additive. It will enhance the physical properties of a variety of polymeric matrices: in Rigid PVC applications it improves impact, strength and weatherability. In injection molded and extruded parts it produces an exceptional smoothness and gloss. It will lower the gas permeability of the product, a benefit to sealants.

CHEMICAL (Before Treatment):

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>CaC03</td>
<td>98%</td>
</tr>
<tr>
<td>MgC03</td>
<td>Less than 0.1%</td>
</tr>
<tr>
<td>Fe203</td>
<td>Less than 0.1%</td>
</tr>
<tr>
<td>Moisture</td>
<td>Less than 0.2% @ 110 C</td>
</tr>
</tbody>
</table>

PHYSICAL:

- **Appearance**: Very white powder
- **Dry Brightness**: 98 Hunter Y
- **Specific Gravity**: 2.7
- **Density Loose**: 0.24 gr/cc
- **Density Tapped**: 0.48 gr/cc
- **Surface Area**: 19 m²/gr
- **Residue**: 0.1% @ 325 mesh
- **Passing 500 nano**: 99%
- **Passing 200 nano**: 98%
- **Passing 100 nano**: 85%
- **Passing 70 nano**: 50%
- **Passing 50 nano**: 12%

PACKING: 50 bags per pallet, 50 lbs net/bag. Pallet size in inches: 54 x 42 x 52 high

Super Sacks 1000 lbs/sack, sack on pallet. Size in inches: 42 x 42 x 50 high

ORIGIN: USA