Product Specifications
Natural, ultra fine calcium carbonate manufactured from high purity and whiteness limestone. High technology surface coating is applied. (coated calcite)

Raw Material
Niğde

Chemical Properties
- CaCO₃ > 99.2%
- MgCO₃ < 0.30%
- Fe₂O₃ < 0.10%
- SiO₂ < 0.10%
- Al₂O₃ < 0.10%
- HCl insoluble content < 0.10%

Physical Properties
- Density (ISO 787-10) 2.7 gr/cm³
- Hardness 3 Mohs
- Refractive Index 1.59

General Properties
- Lightness, L* (ASTM E-313) Elrepho 450Xmin. 98%
- Brightness (Ry, DIN 53163) Elrepho 450Xmin. 96%
- Moisture-Ex.works (ISO 787-2) max. 0.3%
- pH (ISO 787-9) 9
- Oil Absorption (ISO 787-5) 14 g/100 g
- Dop Absorption (ISO 787-5) 18 g/100 g
- Packed Bulk Densty (ISO 787-11) 1.2 g/ml

Main Applications
Paper, paint, plastic, pvc granule, pvc profile and wick applications, cable, chemicals, rubber, insulation materials... etc.

Packaging
25 kg kraft paper bags, as bulk in big-bags.

Particle Size Distribution

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>d50 (mean particle size) max.</td>
<td>2.8 µm</td>
</tr>
<tr>
<td>d97 (top-cut) max.</td>
<td>16 µm</td>
</tr>
<tr>
<td>Under 2 µm particles(min.)</td>
<td>41 %</td>
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<tr>
<td>Residue on 45 µm sieve (ISO 787-7) max.</td>
<td>0.01 %</td>
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