

## UNCOATED CALCIUM CARBONATE

### DURACARB 5

**Product Specifications** Natural, ultra fine calcium carbonate manufactured from high purity and whiteness limestone.

**Raw Material** Mined from NIGDE region of Turkey

#### Chemical Properties

|                                |         |
|--------------------------------|---------|
| CaCO <sub>3</sub>              | >99.40% |
| MgCO <sub>3</sub>              | <0.40%  |
| Fe <sub>2</sub> O <sub>3</sub> | <0.01%  |
| SiO <sub>2</sub>               | <0.01%  |
| Al <sub>2</sub> O <sub>3</sub> | <0.10%  |
| HCL Insoluble content          | <0.10%  |

#### Physical Properties

|                        |                       |
|------------------------|-----------------------|
| Density ( ISO 787 -10) | 2,7gr/cm <sup>3</sup> |
| Hardness               | 3 mohs                |
| Refractive Index       | 1.59                  |

#### Main Application

Paper, paint plastic, PVC Granule, PVC profile and wick application, cable, chemicals, rubber, Insulation Materials

**Packaging** 25 Kg PP bags/ big bags

#### General Properties

|                                           |                          |
|-------------------------------------------|--------------------------|
| Lightness, L*(ASTM-E-313) Elrepho 450Xmin | 98%                      |
| Brightness( Ry, DIN 53163) Elrepho 450min | 96-98%                   |
| Moisture-Exworks(ISO 787-2) Max           | <0.1%                    |
| PH(ISO 787-9)                             | 9                        |
| Oil Absorption(ISO 787-5) 1               | 14g/100g                 |
| DOP Absorption(ISO 787 -5)                | 27g/100g                 |
| Packed Bulk Density (ISO 787-11)          | 1,0929 g/cm <sup>3</sup> |

#### Partical Properties

|                                      |       |
|--------------------------------------|-------|
| d50(mean particle size)              | 3,8μ  |
| Max                                  |       |
| d97( top-cut) max                    | 25μ   |
| under 2μ Particles(min)              | 28%   |
| Residue on 45μ Sieve (ISO 787-7) Max | 0,01% |