

TOROSCARB® 1T

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

Raw Material NİĞDE / TURKEY

| | | |
|----------------------------|--------------------------------|----------|
| Chemical Properties | CaCO ₃ | > 99,5 % |
| | MgCO ₃ | < 0,20 % |
| | Fe ₂ O ₃ | < 0,01 % |
| | SiO ₂ | < 0,01 % |
| | Al ₂ O ₃ | < 0,02 % |
| | HCl insoluble content | < 0,01 % |

| | | |
|----------------------------|----------------------|------------------------|
| Physical Properties | Density (ISO 787-10) | 2,7 gr/cm ³ |
| | Hardness | 3 Mohs |
| | Refractive Index | 1,59 |

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|---------------------------|--|-------------|
| General Properties | Lightness , L* (ASTM E-313) Elrepho 450X _{min.} | 98 % |
| | Brightness (Ry, DIN 53163) Elrepho 450X _{min.} | 96 % |
| | Moisture-Exworks (ISO 787-2) max. | 0,3 % |
| | pH (ISO 787-9) | 9 |
| | Oil Absorption (ISO 787-5) | 18 g/100 g |
| | Dop Absorption (ISO 787-5) | 24 g /100 g |
| | Packed Bulk Densty (ISO 787-11) | 0,9 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

| | |
|---|--------|
| d50 (mean particle size) max. | 1,8 µm |
| d97 (top-cut) max. | 8 µm |
| Under 2 µm particles(min.) | 55 % |
| Residue on 45 µm sieve (ISO 787-7) max. | 0,01 % |

