

# ASCOM 80T

## DESCRIPTION & APPLICATIONS

Premium quality surface coated very fine calcium carbonate with good dispersion properties, manufactured from a high purity and white ground calcium carbonate.

Filler in the following industries:  
PVC compounds and Masterbatch,  
water based inks.

Standard Packaging:  
25 kg bag or  
Jumbo bag

### Physical Properties (typical)

|                           |                                |
|---------------------------|--------------------------------|
| Whiteness:                | >99%                           |
| Brightness Ry (DIN 53163) | >97%                           |
| Density                   | 2.7g/ml                        |
| Refractive Index          | 1.59                           |
| Mohs Hardness             | 3                              |
| pH (ISO 787/9)            | 9 Max.                         |
| Moisture                  | 0.2% Max                       |
| Bulk Density              | 0.95 ± 0.05 gm/cm <sup>3</sup> |

### General Product Data (typical)

|                        |                        |
|------------------------|------------------------|
| Retained on sieve 150μ | 0.009% Max (coated)    |
| D <sub>97</sub>        | 3.5 ± 0.5μm (uncoated) |
| D <sub>50</sub>        | 1.0 ± 0.1μm (uncoated) |
| < 2μm                  | 80 ± 2% (uncoated)     |
| Coating Level          | 1.2 - 1.3%             |

### Chemical Analysis (typical)

|                                |          |
|--------------------------------|----------|
| CaCO <sub>3</sub>              | 99.18%   |
| CaO                            | 55.91%   |
| SiO <sub>2</sub>               | 0.09%    |
| Al <sub>2</sub> O <sub>3</sub> | 0.04%    |
| Fe <sub>2</sub> O <sub>3</sub> | 0.01%    |
| MgO                            | 0.05%    |
| HCl Insoluble content          | 0.2% Max |
| L.O.I                          | 43.64%   |

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## PARTICLE SIZE DISTRIBUTION (SEDIGRAPH)

