

# ASCOM 50T

## 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:  
Plasticized PVC (Profiles, Artificial leather, Calendered sheets & cables) and polyolefins (compound and masterbatch for mouldings).

Standard Packaging:

25 kg bag or

Jumbo bag

### Physical Properties (typical)

Whiteness:	>98.0%
Brightness Ry (DIN 53163)	>96.5%
Density	2.7g/ml
Refractive Index	1.59
Mohs Hardness	3
pH (ISO 787/9)	9 Max.
Moisture	0.2% Max
Bulk Density	1.1 ± 0.05 gm/cm <sup>3</sup>

### General Product Data (typical)

Retained on sieve 150μ	0.009% Max (coated)
D <sub>97</sub>	8.5 ± 0.5μm (uncoated)
D <sub>50</sub>	2.25 ± 0.25μm (uncoated)
< 2μm	50 ± 2% (uncoated)
Coating Level	1.1 - 1.2%

### 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 (MALVERN)

