

# ASCOM 70T

## 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:	>98.5%
Brightness Ry (DIN 53163)	>97.0%
Density	2.7g/ml
Refractive Index	1.59
Mohs Hardness	3
pH (ISO 787/9)	9 Max.
Moisture	0.2% Max
Bulk Density	1.0 ± 0.05 gm/cm <sup>3</sup>

### General Product Data (typical)

Retained on sieve 150μ	0.009% Max (coated)
D97	4.5 ± 0.5μm (uncoated)
D50	1.3 ± 0.1μm (uncoated)
< 2μm	70 ± 2% (uncoated)
Coating Level	1.1 - 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%

The data in the Technical Data Sheet represents average values which are valid and reliable but not legally binding. ACCM disclaims any liability arising from damages or consequential loss. This Technical Data Sheet renders all previous versions invalid. (April 2024)

## PARTICLE SIZE DISTRIBUTION (SEDIGRAPH)

