

ASCOM 70

DESCRIPTION & APPLICATIONS

ASCOM limestone powder is the highest whiteness and high purity with low iron, silica and magnesium levels. Limestone is derived from enormous reserves.

Filler in the following industries:
Water - based decorative paints
powder coating (semi- gloss finish)
paper industries, printing inks,
protective paints, adhesives and
sealants.

Standard Packaging:

25 kg bag or
Jumbo bag

Physical Properties (typical)		Chemical Analysis (typical)	
Whiteness:	>98.5%	CaCO ₃	99.18%
Brightness Ry (DIN 53163)	>97%	CaO	55.91%
Density	2.7g/ml	SiO ₂	0.09%
Refractive Index	1.59	Al ₂ O ₃	0.04%
Mohs Hardness	3	Fe ₂ O ₃	0.01%
pH (ISO 787/9)	9 Max.	MgO	0.05%
Oil absorption (ISO 787/5)	22.5 ± 0.5g/100g	HCl Insoluble content	0.2% Max
Moisture	0.2% Max	L.O.I	43.64%
Loose Bulk Density	0.48 ± 0.05 gm/cm ₃		
DOP absorption	35.5± 0.5g/100g		

General Product Data (typical)	
Retained on sieve 25μ	0.001% Max
D ₉₇	4.5 ± 0.5μm
D ₅₀	1.3 ± 0.1μm
< 2μm	70±2%

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)

