

ASCOM 50

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)
rubber moldings, paints, adhesives
and sealants.

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.
Oil absorption (ISO 787/5)	20.5 ± 0.5g/100g
Moisture	0.2% Max
Bulk Density	1.07 ± 0.05 gm/cm ³
DOP absorption	33.4± 0.5g/100g

Chemical Analysis (typical)

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

General Product Data (typical)

Retained on sieve 25μ	0.01% Max
D ₉₇	8.5 ± 0.5μm
D ₅₀	2.25 ± 0.25μm
< 2μm	50±2%

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PARTICLE SIZE DISTRIBUTION (MALVERN)

