

PRODUCT INFORMATION



Omya
Northern Europe

SNOWCAL® 40

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PRODUCTION PLANT: MELTON / Great Britain
(certified ISO 9001:2000, ISO 14001)

SHORT DESCRIPTION OF THE PRODUCT: A general purpose whitening of good brightness and purity.

CHEMICAL ANALYSIS OF THE RAW MATERIAL:

CaCO ₃	97	%
HCl insoluble content	2.2	%

SPECIFIC PRODUCT DATA:

Fineness:		
· Residue on a 63 µm sieve (ISO 787/7)	0.02	%
· Residue on a 45 µm sieve (ISO 787/7)	0.3	%
· Top cut (d98%)	30	µm
· Mean particle size (d50%)	3	µm
· Particles <2µm	35	%
Whiteness:		
· Brightness (Ry, C/2°, DIN 53163)	88	%
· Tappi Brightness (R457, DIN 53163)	84	%
Moisture ex works (ISO 787/2)	0.1	%

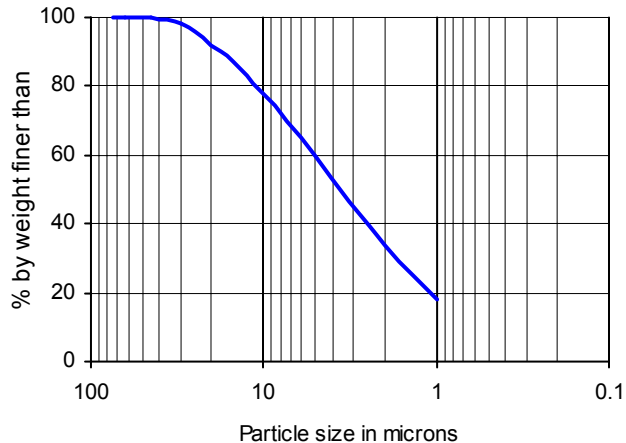
GENERAL PRODUCT DATA:

Loose bulk density (ISO 787/11)	0.9	g/ml
Packed bulk density	1.1	g/ml
Specific gravity (ISO 787/10)	2.7	g/ml
Oil absorption (ISO 787/5)	14	g/100ml
pH value (ISO 787/9)	9	

MAIN APPLICATIONS:

Linseed Putty
Adhesives
Paper, paperboard
Surface coating

PARTICLE SIZE DISTRIBUTION (Sedigraph 5100):



Not for food use.

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