

PRODUCT INFORMATION

ROSSCARB 1 - SW

PRODUCTION PLANT:

SAVEH
(certified ISO 9001, ISO 14001 and OHSAS 18001)

SHORT DESCRIPTION OF THE PRODUCT:

Natural, very fine, easy to disperse calcium carbonate powder obtained from very high purity white marble.

CHEMICAL ANALYSIS OF THE RAW MATERIAL:

CaCO ₃	98	%
MgCO ₃	1.5	%
Fe ₂ O ₃	0.2	%
HCl insoluble content	0.15	%

SPECIFIC PRODUCT DATA:

Fineness:		
· Residue on 45 µm sieve (ISO 787/7)	0.05	%
· Top cut (d98%)	8	µm
· Mean particle size (d50%)	2	µm
· Particles < 2 µm	50	%
Whiteness:		
· Brightness (Ry, C/2°, DIN 53163)	95	%
· Tappi brightness (R457, ISO 2469)	94	%
· Brightness CIE L*,a*,b* (DIN 6174)	98.2/0.11/1.05	
Moisture ex works (ISO 787/2)	0.2	%

GENERAL PRODUCT DATA:

Packed bulk density (ISO 787/11)	0.95	g/ml
pH value (ISO 787/9)	9.5	
Oil absorption (ISO 787/5)	23	g/100g
DOP absorption (ISO 787/5)	41	g/100g

MAIN APPLICATIONS:

PARTICLE SIZE DISTRIBUTION (Malvern Mastersizer 2000 G):

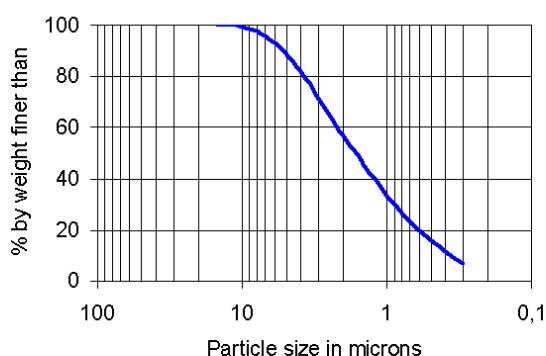
Paper

Paints

- Interior and exterior emulsion paints
- Oil and synthetic resin systems

Plastics

- PVC coatings
- Polyurethane
- Polyester
- Polyolefins



ADDITIONAL APPLICATIONS:

Adhesives

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