

PRODUCT INFORMATION

ROSSCARB 2 - 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)	0.1	%
· Top cut (d98%)	12	µm
· Mean particle size (d50%)	2.6	µm
· Particles < 2 µm	39	%
Whiteness:		
· Brightness (Ry, C/2°, DIN 53163)	95	%
· Tappi brightness (R457, ISO 2469)	94	%
· Brightness CIE L*,a*,b* (DIN 6174)	98.2/0.12/1.1	
Moisture ex works (ISO 787/2)	0.2	%

GENERAL PRODUCT DATA:

Packed bulk density (ISO 787/11)	1.05	g/ml
pH value (ISO 787/9)	9.5	
Oil absorption (ISO 787/5)	21	g/100g
DOP absorption (ISO 787/5)	39	g/100g

MAIN APPLICATIONS:

PARTICLE SIZE DISTRIBUTION (Malvern Mastersizer 2000 G):

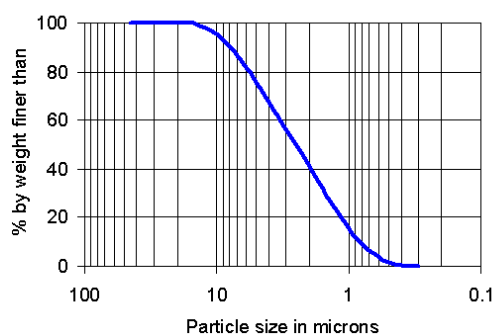
Paper

Paints

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

Plastics

- PVC coatings
- Polyurethane
- Polyester
- Polyolefins



ADDITIONAL APPLICATIONS:

Adhesives, rubber, sealing compounds

The information contained in this Technical Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. The information provided herein is based on technical data that Ross believes to be reliable, however Ross makes no representation or warranty as to the completeness or accuracy thereof and Ross assumes no liability resulting from its use or for any claims, losses, or damages of any third party. Recipients receiving this information must exercise their own judgement as to the appropriateness of its use, and it is the user's responsibility to assess the material's suitability (including safety) for a particular purpose prior to such use.