

PRODUCT INFORMATION

ROSSCARB 2 T - SW

PRODUCTION PLANT:

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

SHORT DESCRIPTION OF THE PRODUCT:

Natural, surface treated ,very fine, easy to disperse calcium carbonate powder obtained from high purity white marble. The surface treatment results in excellent dispersion properties and renders the product completely hydrophobic.

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	%
· Brightness CIE L*,a*,b* (DIN 6174)	98.2/0.12/1.1	

* measured on untreated material

Moisture ex works (ISO 787/2)	0.2	%
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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)	15	g/100g
DOP absorption (ISO 787/5)	18	g/100g

MAIN APPLICATIONS:

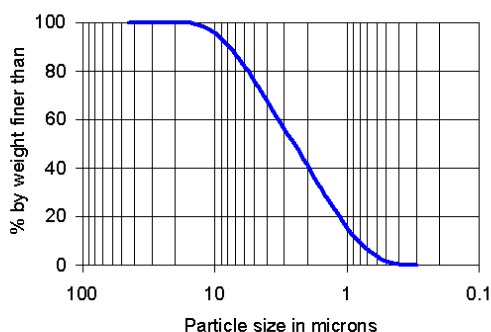
Plastics
- Plasticized PVC
- PVC coatings
- Rigid PVC
- Polyurethane
- Polyester
- Polyolefins

Rubber

ADDITIONAL APPLICATIONS:

Paints
- Oil and synthetic resin systems

PARTICLE SIZE DISTRIBUTION (Malvern Mastersizer 2000 G):



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