

# PRODUCT INFORMATION

## ROSSCARB 1 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 <sub>3</sub>              | 98   | % |
| MgCO <sub>3</sub>              | 1.5  | % |
| Fe <sub>2</sub> O <sub>3</sub> | 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             | %  |
| · Brightness CIE L*,a*,b* (DIN 6174) | 98.2/0.11/1.05 |    |

\* measured on untreated material

|                               |     |   |
|-------------------------------|-----|---|
| Moisture ex works (ISO 787/2) | 0.2 | % |
|-------------------------------|-----|---|

### GENERAL PRODUCT DATA:

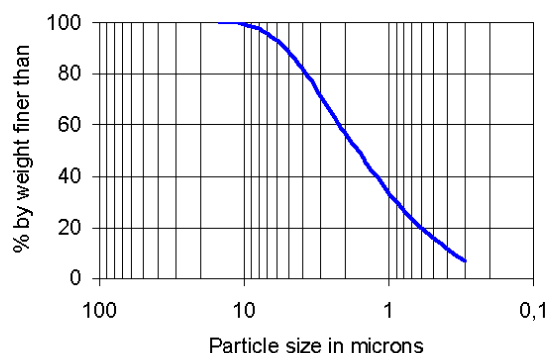
|                                  |      |        |
|----------------------------------|------|--------|
| Packed bulk density (ISO 787/11) | 0.95 | g/ml   |
| pH value (ISO 787/9)             | 9.5  |        |
| Oil absorption (ISO 787/5)       | 18   | g/100g |
| DOP absorption (ISO 787/5)       | 20   | g/100g |

### MAIN APPLICATIONS:

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

Rubber

### PARTICLE SIZE DISTRIBUTION (Malvern Mastersizer 2000 G):



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