

MICRODOL[®] 1

PRODUCTION PLANT: KNARREVIK / Norway (certified ISO 9001)

SHORT DESCRIPTION OF THE PRODUCT: Fine, white dolomite powder, high purity and low binder absorption.

CHEMICAL ANALYSIS OF THE RAW MATERIAL: CaMg(CO₃)₂ 99.0 %
HCl insoluble content 1.0 %

SPECIFIC PRODUCT DATA:

Fineness:

- Residue on a 45 µm sieve (ISO 787/7) 0.01 %
- Top cut (d98%) 20 µm
- Mean particle size (d50%) 7 µm
- Particles < 2 µm 20 %
- Specific surface area BET (ISO 9277) 2.3 m²/g

Whiteness:

- Brightness (Ry, C/2°, DIN 53163) 94 %
- Moisture ex works (ISO 787/2) 0.2 %

GENERAL PRODUCT DATA:

- Raw material density (ISO 787/10) 2.85 g/ml
- Packed bulk density (ISO 787/11) 1.1 g/ml
- pH value (ISO 787/9) 10
- Oil absorption (ISO 787/5) 15 g/100g

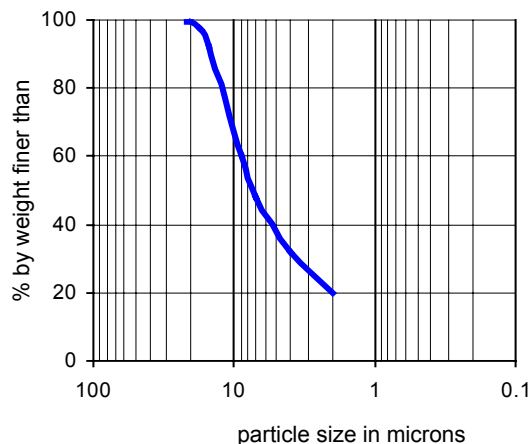
MAIN APPLICATIONS:

- Paints
- Emulsion paints
 - Heavy duty coatings
 - Road-marking paints
- Plastics
- Plasticized PVC
 - Polyester mouldings
- Polymer concrete

ADDITIONAL APPLICATIONS:

- Adhesives
Sealants

PARTICLE SIZE DISTRIBUTION (Malvern Mastersizer X):



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 Omya believes to be reliable, however Omya makes no representation or warranty as to the completeness or accuracy thereof and Omya 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.