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Omyacarb® 10 - GZ

PRODUCTION SITE:

GEBZE, Turkey
(certified ISO 9001, ISO 14001 and OHSAS 18001)

SHORT DESCRIPTION OF THE PRODUCT:

Natural, high purity, easy to disperse calcium carbonate powder with good resistance to weather and ageing. Low oil absorption.

CHEMICAL ANALYSIS:

| | | |
|--------------------------------|------|---|
| CaCO ₃ | 98.5 | % |
| MgCO ₃ | 1.5 | % |
| Fe ₂ O ₃ | 0.05 | % |
| HCl insoluble content | 0.5 | % |

SPECIFIC PRODUCT DATA:

| | | |
|---|-----------|----|
| Fineness: | | |
| · Residue on a 100 µm sieve (ISO 787-7) | 0.1 | % |
| · Top cut (d98%) | 65 | µm |
| · Median particle size (d50%) | 11 | µm |
| · Particles < 2 µm | 17 | % |
| Optical properties: | | |
| · Brightness Ry (C/2°, DIN 53163) | 94 | % |
| · CIE L*, a*, b* (ISO 11664-4) | 98/0.08/1 | |
| · Yellowness index (DIN 6167) | 2.5 | |
| Moisture ex works (ISO 787-2) | 0.5 | % |

GENERAL PRODUCT DATA:

| | | |
|---------------------------------------|-----|--------|
| Apparent density, tamped (ISO 787-11) | 0.9 | g/ml |
| pH value (ISO 787-9) | 9.5 | |
| Oil absorption (ISO 787-5) | 14 | g/100g |
| VO absorption (ISO 787-5) | 14 | g/100g |

MAIN APPLICATIONS:

Paints

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

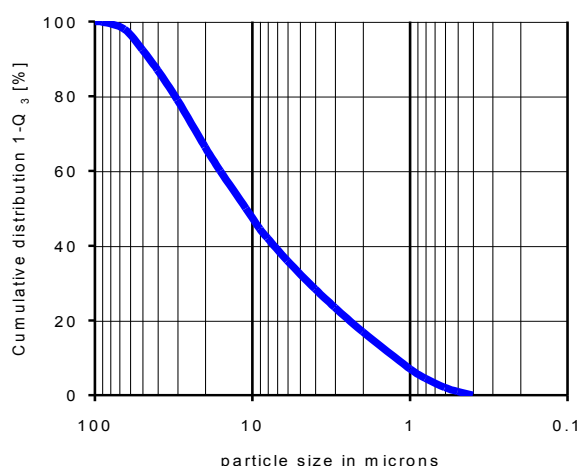
Plastics

- Polyester
- Polyurethane
- Polyolefins
- PVC coatings

ADDITIONAL APPLICATIONS:

Adhesives
Rubber
Sealants
Putties

PARTICLE SIZE DISTRIBUTION (Malvern Mastersizer 2000):



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