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Omyacarb® 40 - 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 200 µm sieve (ISO 787-7) | 0.05 | % |
| · Top cut (d98%) | 122 | µm |
| · Median particle size (d50%) | 18 | µm |
| · Particles < 2 µm | 12 | % |
| Optical properties: | | |
| · Brightness Ry (C/2°, DIN 53163) | 93 | % |
| · CIE L*, a*, b* (ISO 11664-4) | 97.5/0.08/1.2 | |
| · Yellowness index (DIN 6167) | 2.5 | |
| Moisture ex works (ISO 787-2) | 0.5 | % |

GENERAL PRODUCT DATA:

| | | |
|---------------------------------------|-----|--------|
| Apparent density, tamped (ISO 787-11) | 1.2 | g/ml |
| pH value (ISO 787-9) | 9.5 | |
| Oil absorption (ISO 787-5) | 9 | g/100g |
| VO absorption (ISO 787-5) | 20 | g/100g |

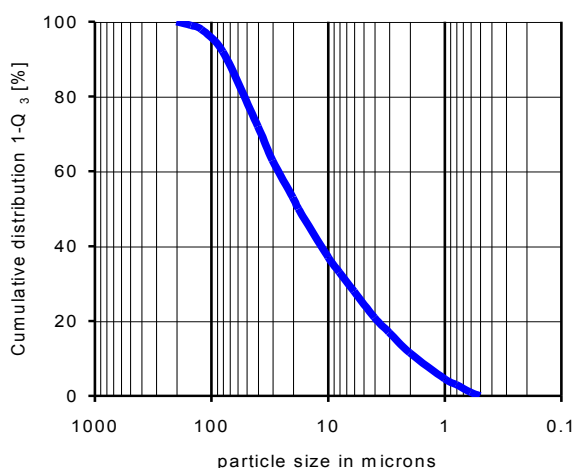
MAIN APPLICATIONS:

- Paints
 - Interior and exterior emulsion paints
 - Oil and synthetic resin systems
- Plastics
 - Polyester

ADDITIONAL APPLICATIONS:

- Adhesives
- Sealants
- Putties

PARTICLE SIZE DISTRIBUTION (Malvern Mastersizer 2000):



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