Product Information

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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_2O_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)	98/0.0/8/1	
· 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:

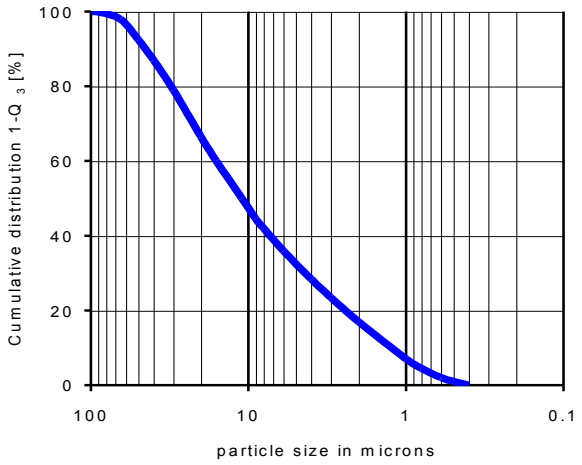
Paints
- Interior and exterior emulsion paints
- Oil and synthetic resin systems

Plastics
- Polyester
- Polyurethane
- Polyolefins
- PVC coatings

ADDITIONAL APPLICATIONS:

Adhesives
Rubber
Sealants
Putties

PARTICLE SIZE DISTRIBUTION (Malvern Mastersizer 2000):



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