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Omyacarb® 5 - GZ

PRODUCTION SITE:

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

SHORT DESCRIPTION OF THE PRODUCT:

Natural, very fine, easy to disperse calcium carbonate powder obtained from high purity white marble.

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 45 µm sieve (ISO 787-7)	0.1	%
· Top cut (d98%)	27.5	µm
· Median particle size (d50%)	5.5	µm
· Particles < 2 µm	24	%
Optical properties:		
· Brightness Ry (C/2°, DIN 53163)	95	%
· CIE L*, a*, b* (ISO 11664-4)	98/0.05/0.7	
· Yellowness index (DIN 6167)	1.5	
Moisture ex works (ISO 787-2)	0.5	%

GENERAL PRODUCT DATA:

Apparent density, tamped (ISO 787-11)	0.95	g/ml
pH value (ISO 787-9)	9.5	
Oil absorption (ISO 787-5)	14	g/100g
VO absorption (ISO 787-5)	31	g/100g

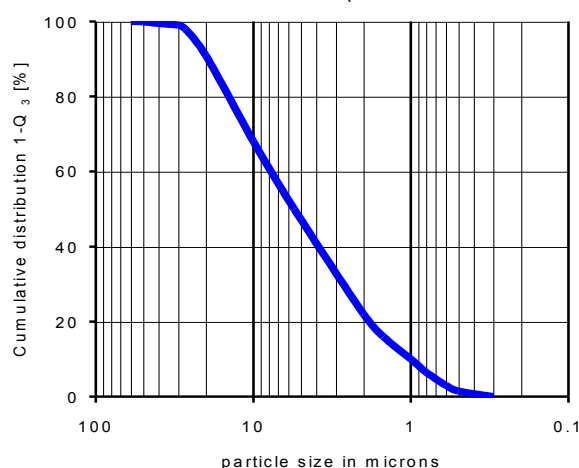
MAIN APPLICATIONS:

- Paints
- Interior and exterior emulsion paints
 - Oil and synthetic resin systems
- Plastics
- Polyester
 - Polyurethane
 - Polyolefins
 - PVC coatings

ADDITIONAL APPLICATIONS:

Adhesives
Rubber
Sealants

PARTICLE SIZE DISTRIBUTION (Malvern Mastersizer 2000):



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