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Omyacarb® 1 - KA

PRODUCTION SITE:

KARABIGA, Turkey
(certified ISO 9001, ISO 14001 and ISO 45001)

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	%
MgCO ₃	1.7	%
Fe ₂ O ₃	0.05	%
HCl insoluble content	0.2	%

SPECIFIC PRODUCT DATA:

Fineness:		
· Residue on a 45 µm sieve (ISO 787-7)	0.01	%
· Top cut (d98%)	9	µm
· Median particle size (d50%)	2.3	µm
· Particles < 2 µm	43	%
Optical properties:		
· Brightness Ry (C/2°, DIN 53163)	95.5	%
· Brightness Tappi (R457, ISO 2469)	94.5	%
· CIE L*, a*, b* (ISO 11664-4)	98.3/0.02/0.6	
· Yellowness index (DIN 6167)	1.4	
Moisture ex works (ISO 787-2)	0.3	%

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)	19	g/100g
VO absorption (ISO 787-5)	34	g/100g

MAIN APPLICATIONS:

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

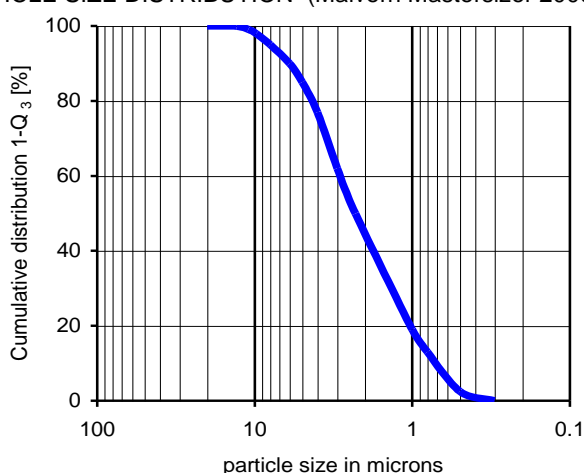
Plastics
- PVC coatings
- Polyurethane
- Polyester
- Polyolefins

Paper

ADDITIONAL APPLICATIONS:

Adhesives

PARTICLE SIZE DISTRIBUTION (Malvern Mastersizer 2000):



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1_EN_CONFIRMED
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