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Omyacarb® 95 T - KA

PRODUCTION SITE:

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

SHORT DESCRIPTION OF THE PRODUCT:

Natural, surface treated, very fine, easy to disperse calcium carbonate powder obtained from high purity white marble. The surface treatment results in excellent dispersion properties and renders the product completely hydrophobic.

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%)	4.3	µm
· Median particle size (d50%)	1.3	µm
· Particles < 2 µm	71	%
Optical properties:		
· Brightness Ry (C/2°, DIN 53163)	94.5	%
· CIE L*, a*, b* (ISO 11664-4)	97.9/0.05/0.8	
· Yellowness index (DIN 6167)	1.5	
Moisture ex works (ISO 787-2)	0.4	%

#measured on untreated material

GENERAL PRODUCT DATA:

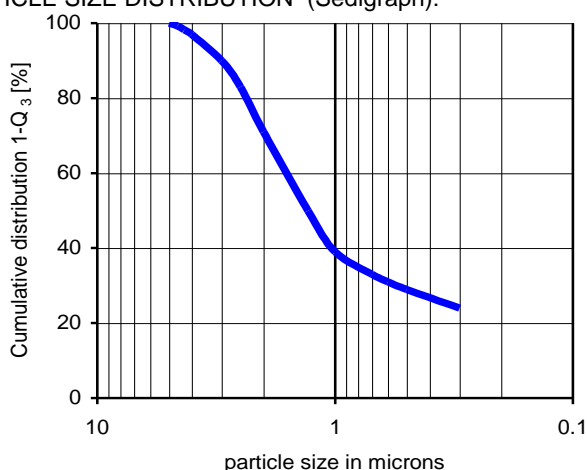
Apparent density, tamped (ISO 787-11)	1.1	g/ml
pH value (ISO 787-9)	9.5	
Oil absorption (ISO 787-5)	20	g/100g
VO absorption (ISO 787-5)	22	g/100g

MAIN APPLICATIONS:

Plastics

- PVC foams
- Rigid PVC
 - Window profiles
 - Profiles/pipes
 - Mouldings
 - Calendered sheets
- Polyolefins
 - Colour masterbatch
 - Compound/masterbatch for mouldings/film

PARTICLE SIZE DISTRIBUTION (Sedigraph):



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