Product Information

Omyacarb® 1 - KP

PRODUCTION SITE:	KEMALPASA, Turkey (certified ISO 9001, ISO 14001 and ISO 45001)
SHORT DESCRIPTION OF THE PRODUCT:	Natural, fine and easy to disperse calcium carbonate powder obtained from high purity white marble.

CHEMICAL ANALYSIS:

$CaCO_3$	99	%
$MgCO_3$	1	%
Fe_2O_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%)	8.5	µm
· Median particle size (d50%)	2.2	µm
· Particles < 2 µm	45	%

Optical properties:

· Brightness Ry (C/2°, DIN 53163)	97	%
· Brightness Tappi (R457, ISO 2469)	96	%
· CIE L*, a*, b* (ISO 11664-4)	98.5 / 0.1 / 0.9	
· Yellowness index (DIN 6167)	1.8	%
Moisture ex works (ISO 787-2)	0.3	%

GENERAL PRODUCT DATA:

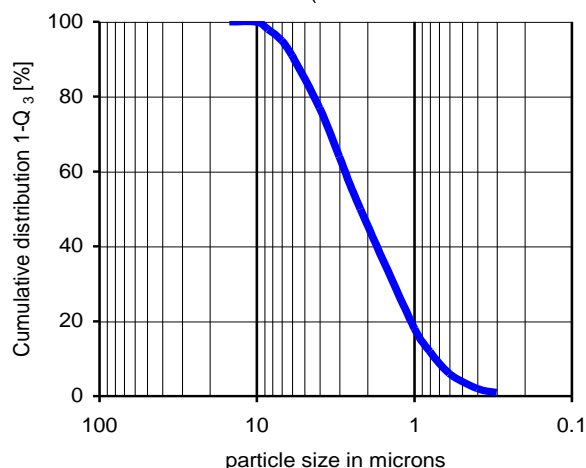|		
Apparent density, tamped (ISO 787-11)	0.9	g/ml
pH value (ISO 787-9)	9.5	
Oil absorption (ISO 787-5)	19	g/100g
VO absorption (ISO 787-5)	34	g/100g

MAIN APPLICATIONS:

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

ADDITIONAL APPLICATIONS:
Adhesives

PARTICLE SIZE DISTRIBUTION (Malvern Mastersizer 2000):