



PRODUCT-INFORMATION

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PRODUCTION PLANT:	Hambaek / Korea (Certified ISO 9001 and ISO 14001)		
SHORT DESCRIPTION OF THE PRODUCT:	Surface-coated, very fine, calcium carbonate powder with good dispersion properties, manufactured from a high purity, white marble		
CHEMICAL ANALYSIS OF THE RAW MATERIAL:	Carbonate content	98	%
	MgCO ₃	0.5	%
	HCl insoluble content (OSI-G-16)	1.0	%
PHYSICAL PROPERTIES OF THE RAW MATERIAL:	Density	2.7	
	Refractive index	1.59	
	Hardness	3	
SPECIFIC PRODUCT DATA:	Fineness:		
	. Residue on a 45µm sieve (OSI-G-07)	0.01	%
	. Top cut (d98%)	8	µm
	. Mean particle size (d50%) (OSI-G-02)	1.4	µm
	. Particles < 2 µm (Malvern Mastersize S)	55	%
	Whiteness:		
	. Brightness (R457, D65/10) (OSI-G-04)	90	%
	. Moisture ex works (OSI-G-09)	0.2	%
GENERAL PRODUCTION DATA:	Packed bulk density (OSI-G-20)	1.1	g/ml
	pH value (OSI-G-14)	8.5	
	VO absorption (OSI-G-17)	16	g/100g

MAIN APPLICATIONS:

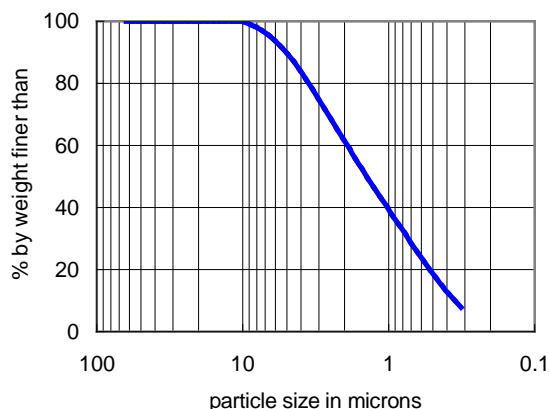
Paints

- Industrial paints
- Primers
- Hydrofiller
- Anti-corrosion primers

Plastics

- Rigid PVC
 - Profiles
 - Calendered sheets
 - Pipes
- Polyolefins
 - Compound/masterbatch
for mouldings/film

PARTICLE SIZE DISTRIBUTION (Malvern Mastersize S):



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