Product Information

OMYA

Omya International AG
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Seahorse® - SK

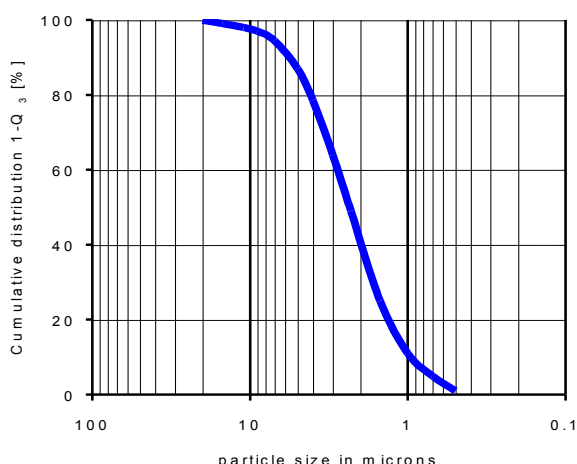| PRODUCTION SITE:	STEVNS Kridtbrud, Denmark (certified ISO 9001, ISO 14001 and OHSAS 18001)		
SHORT DESCRIPTION OF THE PRODUCT:	Natural, very fine calcium carbonate powder, manufactured from high purity chalk.		
CHEMICAL ANALYSIS:	Carbonate content	98.8	%
	$CaCO_3$	98.3	%
	Fe_2O_3	0.04	%
	HCl insoluble content	0.6	%
SPECIFIC PRODUCT DATA:	Fineness:		
	· Residue on a 45 µm sieve (ISO 787-7)	50	ppm
	· Top cut (d98%)	12	µm
	· Median particle size (d50%)	2.3	µm
	· Particles < 2 µm	45	%
	Specific surface area BET (ISO 9277)	2.2	m^2/kg
	Optical properties:		
	· Brightness R457 (ISO 2469)	80.5	%
	Moisture ex works (ISO 787-2)	0.1	%
GENERAL PRODUCT DATA:	Apparent density, loose (ISO 787-11)	0.6	g/ml
	Apparent density, tamped (ISO 787-11)	0.8	g/ml
	pH value (ISO 797-9)	9	
	Oil absorption (ISO 787-5)	22	g/100g
	Conductivity (ISO 787-14)	100	µS/cm

MAIN APPLICATIONS:

Polymers
Paints
Adhesives
Agro Chemicals
Ceramics
Welding electrodes
Water treatment

PARTICLE SIZE DISTRIBUTION (Sedigraph 5120):

STANDARD PACKAGING:

- BULK
- BAG (paper) of 25 kg on pallet
- BIG BAG