



PRODUCT INFORMATION

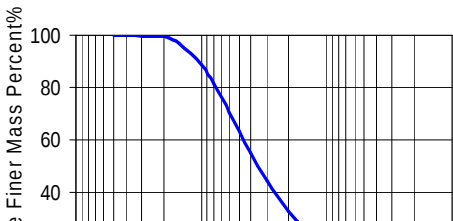
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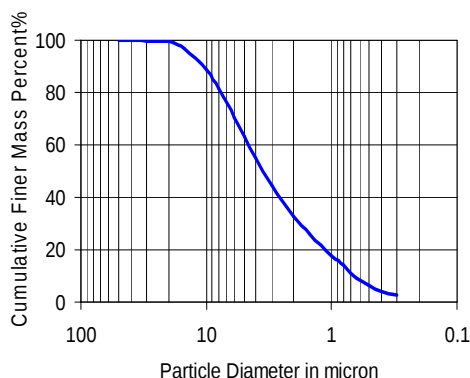
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PERSITALC[®] 1 - SW

PRODUCTION PLANT:	SAVEH/Iran (certified ISO 9001, ISO 14001 and OHSAS 18001)		
SHORT DESCRIPTION OF THE PRODUCT:	Natural, medium fine, easy to disperse talc powder obtained from high brightness talc mineral.		
CHEMICAL ANALYSIS OF THE RAW MATERIAL:	SiO ₂	47	%
	MgO	43	%
	Fe ₂ O ₃	0.06	%
SPECIFIC PRODUCT DATA:	Fineness:		
	· Residue on 45 µm sieve (ISO 787/7)	3	%
	· Top cut (d98%)	17	µm
	· Mean particle size (d50%)	3.5	µm
	· Particles < 2 µm	30	%
	Whiteness:		
	· Brightness (Ry, C/2°, DIN 53163)	92	%
	· Tappi brightness (R457, ISO 2469)	90	%
	· Brightness CIE L*,a*,b* (DIN 6174)	96/-0.03/0.85	
	· Yellowness Index (DIN6167)	2	
	Moisture ex works (ISO 787/2)	0.2	%
GENERAL PRODUCT DATA:	Packed bulk density (ISO 787/11)	0.8	g/ml
	pH value (ISO 787/9)	9.5	
	Oil absorption (ISO 787/5)	24	g/100g
	DOP absorption (ISO 787/5)	31	g/100g
MAIN APPLICATIONS:	PARTICLE SIZE DISTRIBUTION (SediGraph 5120 III):		
Paper			
- Pitch Control			
Paints			
- Emulsion Paints, Oil and synthetic resin applications			
Plastics			
- PVC coatings			
- Polyurethane			
- Polyester			
- Polyolefins			



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