

TECHNICAL DATA SHEET



CAS NUMBER : 12001-26-2
EINECS NUMBER : 310-127-6
MATERIAL CODE : SMW.125 (KM.01.M.0025)
PRODUCTION PLANT : Kaltun - Cine / AYDIN/ TURKIYE
SHORT DESCRIPTION OF MATERIAL : **COATTUN SMW.125** is a high quality Mica with high Al₂O₃, produced from deposits in the Cine-Milas region, Turkiye.

PHYSICAL & CHEMICAL PROPERTIES OF MATERIAL:

	Particle Size Distribution					Colour			Others				
	Sieve Residue	Malvern (Mastersizer 2000)				Elrepho 450 TS			Density	Bulk Density	Hardness	Humidity	Oil Absorb
	+ 212 µm	D/10	D/50	D/97	D/100	L*	a*	b*	g/cm ³	g/cm ³	mohs	%	g/100g
Typ.	0,0 %	7,0µm	25,0µm	85,5µm	-	94,0	0,0	3,0	2,85	0,29	2,5	0,3	73
Min.	-	-	22,5µm	-	-	91,5	-	-	-	-	-	-	-
Max.	0,1 %	-	27,5µm	-	-	-	0,5	4,5	-	-	-	0,5	-

	Chemical Analysis (*)										
	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	TiO ₂	CaO	MgO	Na ₂ O	K ₂ O	P ₂ O ₅	L.O.I	
Typ.	52,41	29,67	1,14	0,349	0,10	1,72	0,88	9,65	0,07	4,00	
Min.	-	28,00	-	-	-	-	-	9,10	-	-	
Max.	54,50	-	1,50	-	-	-	-	-	-	-	

(*) WITH XRF SPECTROMETER

The above figures are typical, average values derived from numerous measurements. This is not a specification



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