

TECHNICAL DATA SHEET

coattun
SMW.225

CAS NUMBER : 12001-26-2
EINECS NUMBER : 310-127-6
MATERIAL CODE : SMW.225 (KM.02.M.0025)
PRODUCTION PLANT : Kaltun - Cine / AYDIN/ TURKIYE
SHORT DESCRIPTION OF MATERIAL : **COATTUN SMW.225** 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
	+ 212µm	D/10	D/50	D/97	D/100	L*	a*	b*	g/cm ³	g/cm ³	mohs	%	g/100g
Typ.	0,0 %	6,7µm	25,0µm	90,0µm	-	93,8	0,1	3,3	2,85	0,32	2,5	0,3	70
Min.	-	-	22,5µm	-	-	92,0	-	-	-	-	-	-	-
Max.	0,1 %	-	27,0µm	-	-	-	0,5	5,0	-	-	-	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.	55,18	27,67	1,03	0,336	0,36	1,62	1,36	8,52	0,23	3,70	
Min.	-	26,00	-	-	-	-	-	8,00	-	-	
Max.	57,00	-	1,50	-	-	-	-	-	-	-	

(*) WITH XRF SPECTROMETER

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

kaltun

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