

TECHNICAL DATA SHEET

coattun
SMW.100

CAS NUMBER	: 12001-26-2
EINECS NUMBER	: 310-127-6
MATERIAL CODE	: SMW.100 (KM.03.M.0100)
PRODUCTION PLANT	: Kaltun - Cine / AYDIN/ TURKIYE
SHORT DESCRIPTION OF MATERIAL	: COATTUN SMW.100 is a high quality Mica with high Al ₂ O ₃ , 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
	+ 425µm	D/10	D/50	D/97	D/100	L*	a*	b*	g/cm ³	g/cm ³	mohs	%	g/100g
Typ.	0,0 %	14,0µm	60,0µm	295,0µm	-	92,6	0,2	4,1	2,85	0,39	2,5	0,3	67
Min.	-	-	55,0µm	-	-	90,0	-	-	-	-	-	-	-
Max.	0,1 %	-	65,0µm	-	-	-	0,8	6,0	-	-	-	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.	56,10	27,20	0,98	0,317	0,39	1,55	1,52	8,20	0,25	3,50
Min.	-	25,50	-	-	-	-	-	7,70	-	-
Max.	58,50	-	1,30	-	-	-	-	-	-	-

(*) WITH XRF SPECTROMETER

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

kaltun

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