

TECHNICAL DATA SHEET

coattun
SMW.145

CAS NUMBER : 12001-26-2
EINECS NUMBER : 310-127-6
MATERIAL CODE : SMW.145 (KM.01.M.0045)
PRODUCTION PLANT : Kaltun - Cine / AYDIN/ TURKIYE
SHORT DESCRIPTION OF MATERIAL : **COATTUN SMW.145** 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
	+ 300µm	D/10	D/50	D/97	D/100	L*	a*	b*	g/cm ³	g/cm ³	mohs	%	g/100g
Typ.	0,0 %	11,0µm	41,5µm	148,0µm	-	92,5	0,0	3,5	2,85	0,32	2,5	0,3	69
Min.	-	-	38,0µm	-	-	90,0	-	-	-	-	-	-	-
Max.	0,1 %	-	45,0µm	-	-	-	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.	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

kaltun

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