

# TECHNICAL DATA SHEET

**coat**tun  
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<sub>2</sub>O<sub>3</sub>, 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 <sup>3</sup>	g/cm <sup>3</sup>	mohs	%	g/100g
<b>Typ.</b>	<b>0,0 %</b>	<b>14,0µm</b>	<b>60,0µm</b>	<b>295,0µm</b>	-	<b>92,6</b>	<b>0,2</b>	<b>4,1</b>	<b>2,85</b>	<b>0,39</b>	<b>2,5</b>	<b>0,3</b>	<b>67</b>
<b>Min.</b>	-	-	<b>55,0µm</b>	-	-	<b>90,0</b>	-	-	-	-	-	-	-
<b>Max.</b>	<b>0,1 %</b>	-	<b>65,0µm</b>	-	-	-	<b>0,8</b>	<b>6,0</b>	-	-	-	<b>0,5</b>	-

	Chemical Analysis (*)									
	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	CaO	MgO	Na <sub>2</sub> O	K <sub>2</sub> O	P <sub>2</sub> O <sub>5</sub>	L.O.I
<b>Typ.</b>	<b>56,10</b>	<b>27,20</b>	<b>0,98</b>	<b>0,317</b>	<b>0,39</b>	<b>1,55</b>	<b>1,52</b>	<b>8,20</b>	<b>0,25</b>	<b>3,50</b>
<b>Min.</b>	-	<b>25,50</b>	-	-	-	-	-	<b>7,70</b>	-	-
<b>Max.</b>	<b>58,50</b>	-	<b>1,30</b>	-	-	-	-	-	-	-

(\*) WITH XRF SPECTROMETER

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

**kaltun**

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