

# TECHNICAL DATA SHEET

**coat**tun  
SMW.1200

**CAS NUMBER** : 12001-26-2  
**EINECS NUMBER** : 310-127-6  
**MATERIAL CODE** : SMW.1200 (KM.01.G.1200)  
**PRODUCTION PLANT** : Kaltun - Cine / AYDIN/ TURKIYE  
**SHORT DESCRIPTION OF MATERIAL** : **COATTUN SMW.1200** 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 (%)					Elrepho 450 TS			Density g/cm <sup>3</sup>	Bulk Density g/cm <sup>3</sup>	Hardness mohs	Humidity %	Oil Absorb g/100g
	+ 1,4mm	+1,2mm	+0,5mm	+ 0,3mm	-0,3mm	L*	a*	b*					
<b>Typ.</b>	<b>0,0</b>	<b>0,1</b>	<b>42,5</b>	<b>87,5</b>	<b>12,5</b>	<b>79,2</b>	<b>0,4</b>	<b>7,1</b>	<b>2,85</b>	<b>0,89</b>	<b>2,5</b>	<b>0,3</b>	-
<b>Min.</b>	-	-	-	-	-	<b>76,5</b>	-	-	-	-	-	-	-
<b>Max.</b>	<b>0,1</b>	<b>1,0</b>	-	-	<b>20,0</b>	-	<b>1,0</b>	<b>9,0</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>52,41</b>	<b>29,67</b>	<b>1,14</b>	<b>0,349</b>	<b>0,10</b>	<b>1,72</b>	<b>0,88</b>	<b>9,65</b>	<b>0,07</b>	<b>4,00</b>
<b>Min.</b>	-	<b>28,00</b>	-	-	-	-	-	<b>9,10</b>	-	-
<b>Max.</b>	<b>54,50</b>	-	<b>1,50</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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