

# TECHNICAL DATA SHEET

**coat**tun  
**SMW.215**

**CAS NUMBER** : 12001-26-2  
**EINECS NUMBER** : 310-127-6  
**MATERIAL CODE** : SMW.215 (KM.02.M.0015)  
**PRODUCTION PLANT** : Kaltun - Cine / AYDIN/ TURKIYE  
**SHORT DESCRIPTION OF MATERIAL** : **COATTUN SMW.215** 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
	+ 150µm	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>4,3µm</b>	<b>15,0µm</b>	<b>52,0µm</b>	-	<b>94,5</b>	<b>0,1</b>	<b>3,0</b>	<b>2,85</b>	<b>0,34</b>	<b>2,5</b>	<b>0,3</b>	<b>72</b>
<b>Min.</b>	-	-	<b>13,0µm</b>	-	-	<b>92,0</b>	-	-	-	-	-	-	-
<b>Max.</b>	<b>0,1 %</b>	-	<b>17,0µm</b>	-	-	-	<b>0,5</b>	<b>4,5</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>55,18</b>	<b>27,67</b>	<b>1,03</b>	<b>0,336</b>	<b>0,36</b>	<b>1,62</b>	<b>1,36</b>	<b>8,52</b>	<b>0,23</b>	<b>3,70</b>	
<b>Min.</b>	-	<b>26,00</b>	-	-	-	-	-	<b>8,00</b>	-	-	
<b>Max.</b>	<b>57,00</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**

Aydin- Mugla Karayolu 35. Km. 09500 Cine/Aydin-TURKIYE

Phone : +90 256 729 16 00

Fax : +90 256 729 16 15

Web : <http://www.kaltun.com>

e-mail : [kaltun@kaltun.com.tr](mailto:kaltun@kaltun.com.tr)

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