

# TECHNICAL DATA SHEET

**coat**tun  
Q.40

**CAS NUMBER** : 14808-60-7  
**EINECS NUMBER** : 238-878-4  
**MATERIAL CODE** : Q.40 (KK.20.M.0100)  
**PRODUCTION PLANT** : Kaltun - Cine / AYDIN/ TURKIYE  
**SHORT DESCRIPTION OF MATERIAL** : **COATTUN Q.40** is a high quality Quartz, 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			Density	Bulk Density	Hardness	Humidity	Oil Absorb
	+ 120µm	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>12,0µm</b>	<b>40,0µm</b>	<b>90,0µm</b>	<b>150,0µm</b>	<b>94,00</b>	<b>0,35</b>	<b>2,75</b>	<b>2,65</b>	<b>1,25</b>	<b>7</b>	<b>0,2</b>	<b>21</b>
<b>Min.</b>	-	-	<b>35,0µm</b>	-	-	<b>92,75</b>	-	-	-	-	-	-	-
<b>Max.</b>	<b>0,1 %</b>	-	<b>45,0µm</b>	-	<b>170,0µm</b>	-	<b>0,45</b>	<b>3,25</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>99,18</b>	<b>0,41</b>	<b>0,04</b>	-	<b>0,03</b>	<b>0,02</b>	<b>0,20</b>	<b>0,02</b>	-	<b>0,10</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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