

# TECHNICAL DATA SHEET

**ceratun**  
**Q.38**

**CAS NUMBER** : 14808-60-7  
**EINECS NUMBER** : 238-878-4  
**MATERIAL CODE** : **Q.38** (KK.20.M.0038)  
**PRODUCTION PLANT** : Kaltun - Cine / AYDIN/ TURKIYE  
**SHORT DESCRIPTION OF MATERIAL** : **CERATUN Q.38** is a high quality Quartz, produced from deposits in the Cine-Milas region, Turkiye.

## PHYSICAL & CHEMICAL PROPERTIES OF MATERIAL:

	Particle Size Distribution				Others		
	Sieve Residue %	Malvern (Mastersizer 2000)			Humidity %	Hardness Mohs	Density g/cm <sup>3</sup>
	+0,038mm	D/10	D/50	D/97			
<b>Typ.</b>	<b>1,0</b>	<b>3,0µm</b>	<b>12,0µm</b>	<b>45,0µm</b>	<b>0,2</b>	<b>7</b>	<b>2,65</b>
<b>Min.</b>	-	-	-	-	-	-	-
<b>Max.</b>	<b>3,0</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>99,01</b>	<b>0,55</b>	<b>0,030</b>	<b>0,020</b>	<b>0,04</b>	<b>0,01</b>	<b>0,12</b>	<b>0,10</b>	-	<b>0,12</b>
<b>Min.</b>	<b>98,50</b>	-	-	-	-	-	-	-	-	-
<b>Max.</b>	-	<b>0,90</b>	<b>0,050</b>	-	-	-	<b>0,25</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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