

# TECHNICAL DATA SHEET

# glasstun

## Q.500.FQ

**CAS NUMBER** : 14808-60-7  
**EINECS NUMBER** : 238-878-4  
**MATERIAL CODE** : Q.500.FQ (KK.31.G.0501)  
**PRODUCTION PLANT** : Kaltun - Cine / AYDIN/ TURKIYE  
**SHORT DESCRIPTION OF MATERIAL** : **GLASSTUN Q.500.FQ** is a high quality Quartz with low Fe<sub>2</sub>O<sub>3</sub>, produced from deposits in the Cine-Milas region, Turkiye.

### PHYSICAL & CHEMICAL PROPERTIES OF MATERIAL:

	Particle Size Distribution							Others		
	Sieve Residue (%)				Malvern (Mastersizer 2000)			Density	Hardness	Humidity
	+ 0,6mm	+0,5mm	+0,075mm	-0,075 mm	D/10	D/50	D/97	g/cm <sup>3</sup>	mohs	%
<b>Typ.</b>	<b>0,0</b>	<b>0,2</b>	<b>95,0</b>	<b>5,0</b>	<b>125,0µm</b>	<b>260,0µm</b>	<b>490,0µm</b>	<b>2,65</b>	<b>7</b>	<b>0,2</b>
<b>Max.</b>	<b>0,1</b>	<b>5,0</b>		<b>10,0</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>	CaO	MgO	Na <sub>2</sub> O	K <sub>2</sub> O	L.O.I
<b>Typ.</b>	<b>99,19</b>	<b>0,40</b>	<b>0,008</b>	<b>0,03</b>	<b>0,02</b>	<b>0,22</b>	<b>0,03</b>	<b>0,10</b>
<b>Min.</b>	<b>98,50</b>	-	-	-	-	-	-	-
<b>Max.</b>	-	<b>0,90</b>	<b>0,009</b>	-	-	<b>0,50</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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