

# TECHNICAL DATA SHEET

# glasstun

## Q.500.SQ

**CAS NUMBER** : 14808-60-7  
**EINECS NUMBER** : 238-878-4  
**MATERIAL CODE** : Q.500.SQ (KK.32.G.0501)  
**PRODUCTION PLANT** : Kaltun - Cine / AYDIN/ TURKIYE  
**SHORT DESCRIPTION OF MATERIAL** : **GLASSTUN Q.500.SQ** 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>93,0</b>	<b>7,0</b>	<b>100,0µm</b>	<b>235,0µm</b>	<b>470,0µm</b>	<b>2,65</b>	<b>7</b>	<b>0,2</b>
<b>Max.</b>	<b>0,1</b>	<b>5,0</b>		<b>15,0</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>98,86</b>	<b>0,60</b>	<b>0,015</b>	<b>0,03</b>	<b>0,02</b>	<b>0,35</b>	<b>0,03</b>	<b>0,10</b>
<b>Min.</b>	<b>98,00</b>	-	-	-	-	-	-	-
<b>Max.</b>	-	<b>1,20</b>	<b>0,020</b>	-	-	<b>0,70</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)

Doc.No : Glass008  
Issued Date : 13.05.2014  
Revision : 2