

# METACHIM AG

## TECHNICAL DATA SHEET

## S.GQ.500.EX

**CAS NUMBER** :

**EINECS NUMBER** :

**MATERIAL CODE** : S.GQ.500.EX (KS.80.G.0401)

**PRODUCTION PLANT** : AYDIN/ TURKIYE

**SHORT DESCRIPTION OF MATERIAL** : **GLASSTUN S.GQ.500.EX** is a high quality Sodium Feldspar 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 g/cm <sup>3</sup>	Hardness Mohs	Humidity %
	+ 0,8mm	+0,5mm	+0,075mm	-0,075 mm	D/10	D/50	D/97			
<b>Typ.</b>	<b>0,0</b>	<b>0,0</b>	<b>90,0</b>	<b>10,0</b>	<b>73,8µm</b>	<b>176,1µm</b>	<b>480,2µm</b>	<b>2,60</b>	<b>6</b>	<b>0,2</b>
<b>Max.</b>	<b>0,0</b>	<b>1,0</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>69,52</b>	<b>18,55</b>	<b>0,040</b>	<b>0,75</b>	<b>0,07</b>	<b>10,60</b>	<b>0,22</b>	<b>0,25</b>
<b>Min.</b>	-	<b>18,00</b>	-	-	-	<b>10,00</b>	-	-
<b>Max.</b>	<b>70,50</b>	-	<b>0,060</b>	-	-	-	-	-

(\*) WITH XRF SPECTROMETER

The above figures are typical, average values derived from numerous measurements. This is not a specification

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