

TECHNICAL DATA SHEET

stonetun
Q.45

CAS NUMBER : 14808-60-7
EINECS NUMBER : 238-878-4
MATERIAL CODE : Q.45 (KK.20.M.0045)
PRODUCTION PLANT : Kaltun - Cine / AYDIN/ TURKIYE
SHORT DESCRIPTION OF MATERIAL : **STONETUN Q.45** is a high quality Quartz with high SiO₂ and low Fe₂O₃, 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 TS			Density	Hardness	Humidity
	+0,045mm	D/10	D/50	D/97	L*	a*	b*	g/cm ³	mohs	%
Typ.	1,0	3,6µm	16,0µm	51,5µm	96,7	0,1	1,6	2,65	7	0,2
Min.	-	-	-	-	95,5	-	-	-	-	-
Max.	3,0	-	-	-	-	0,3	2,5	-	-	0,5

	Chemical Analysis (*)									
	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	TiO ₂	CaO	MgO	Na ₂ O	K ₂ O	P ₂ O ₅	L.O.I
Typ.	99,03	0,55	0,030	-	0,04	0,01	0,12	0,10	-	0,12

(*) WITH XRF SPECTROMETER

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

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