Specification **Si-1806**

1.- Product: **Quartz ([1])**

2.- Size: **20/120 mm (square holes)**

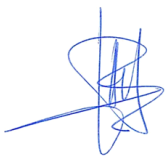
3.- Data:

Parameter		**Specification ([2])**	**Typical ([3])**
Chemical: **Maximum Value**	**Al_2O_3 (%)**	**0.18**	0.18
	Fe_2O_3 (%)	**0.060**	0.058
	TiO_2 (ppm)		59
	CaO (%)		0.020
	K_2O (%)		0.051
	P_2O_5 (ppm)		56
	B_2O_3 (ppm)		34
Size distribution ([4]): **Maximum Value**	**>150 mm (%)**	**0**	0
	>120 mm (%)	**5**	0
	<20 mm (%)	**10**	8
	<10 mm (%)	**6**	5
Physical: **Minimum Value**	**Thermal Strength (%) ([5])**	**75**	87

Notes:

(1) The product might be blended from different sources.
(2) Specification is the maximum value of the parameter applied on the whole lot to be sold in order to be considered as conforming (suitable to be loaded).
(3) Typical Value is the expected quality applied on the whole lot sold (Quality Goal).
(4) Size distribution is to be applied on the whole lot and in F.O.B.T. position. Any further manipulation may create more fines and must be discounted in case of complaints.
(5) Test designed by Elkem AS.

Tests to be performed by Quality Control Department of Erimsa on representative samples taken on actual cargo and to be reported to the customer by means of COA.

Methods and systems are described in the corresponding procedures (DSI-10-04000 series)

Reviewed by: **Name** **Carlos Forján** **Position** **Quality Manager**	
Approved by: **Name** **José Antonio Valencia** **Position** **General Manager**