



Silica Sand Datasheet

Egypt Mineral Ores [E.M.O.]

Mineral processing, Egypt.

ANALYSIS OF EL-ZAFRANA CRYSTAL & GLASS SAND

Mechanical Analysis

Glass Sand (Mesh-28)		Crystal Sand (Mesh-40)	
Less than 0.1mm	2.0%	Less than 0.1mm	2.0%
From 0.1 : 0.25 mm	3.3%	From 0.1 : 0.25 mm	4.2%
From 0.25 : 0.4 mm	70.5%	From 0.25 : 0.4 mm	91.0%
From 0.4 : 0.6 mm	21.2%	From 0.4 : 0.6 mm	2.8%
Bigger Than 0.6 mm	3.0 %	Bigger Than 0.6 mm	0%

Chemical Analysis

Pure Silica	Al. Oxide	Fe. Oxide	Mg. Oxide	Ca. Oxide	Burning losses
99.6%	0.06%	0.015-0.020	0.05%	0.08%	0.18%

N.B: The above report represents the average analysis of different samples from six different sites in our quarries