



EGYPTIAN ORIGIN / INDUSTRIAL EXPORT

Egyptian Silica Sand

High-Purity Grades for Glass and Industrial Buyers

TAS Flowrance supplies Egyptian silica sand for glass, solar glass, fiberglass, foundry, ceramics, filtration, construction materials, artificial grass and other industrial applications.



Verified TAS product and packing visual

SiO₂ PURITY

Up to 99.90%

GRADE OPTIONS

TAS 111 / TAS 112

LOW IRONFe₂O₃ controlled**PACKING**

Jumbo / 50 kg / bulk

Reference Chemical Analysis

Indicative export ranges for initial buyer screening. Final chemistry must be confirmed by current COA, sample approval and the commercial offer.

Constituent	TAS 111 Reference Range	TAS 112 Reference Range
SiO ₂	99.70% - 99.90%	99.50% - 99.70%
Fe ₂ O ₃	0.0080% - 0.014%	0.012% - 0.018%
Cr ₂ O ₃	0.0000% - 0.0005%	0.0000% - 0.0005%
TiO ₂	0.01% - 0.02%	0.01% - 0.02%
Al ₂ O ₃	0.01% - 0.02%	0.01% - 0.02%
CaO	0.01% - 0.02%	0.01% - 0.02%
MgO	0.01% - 0.02%	0.01% - 0.02%
Loss on Ignition	0.01% - 0.02%	0.01% - 0.02%

Core Buyer Applications

Glass & Solar Glass

High-purity silica supply where SiO₂, Fe₂O₃ and particle size are critical.

Foundry & Ceramics

Technical review by mesh, consistency, thermal behavior and end-use process.

Filtration & Industrial

Buyer-specific grain size, clean handling and packing for industrial supply.



GRAIN SIZE / EXPORT REVIEW

Reference Sieve and Export Information

The sieve data below is a buyer-screening reference. Current particle-size distribution must be confirmed for the selected grade, application and shipment lot.

US Mesh ASTM E11	BS Mesh BS 410	Opening (mm)	Indicative Reference (%)
10	8	2.000	0.000
16	14	1.180	0.000
18	16	1.000	0.000
20	18	0.850	0.000
25	22	0.710	0.000
30	25	0.600	0.010 - 0.050
35	30	0.500	5.000 - 10.000
45	40	0.425	8.000 - 15.000
120	120	0.125	98.000 - 99.000
140	150	0.106	0.200 - 1.000
170	170	0.090	0.000 - 0.100

Technical control: current COA and sieve analysis govern contractual acceptance.

Packing, Shipment and Documents

- Jumbo bags for containerized industrial supply.
- Waterproof 50 kg polyethylene bags where required.
- Bulk vessel loading for large-volume procurement.
- FOB, CFR or CIF discussion by quantity and destination.
- COA, Commercial Invoice, Packing List, Certificate of Origin and Bill of Lading as applicable.

Buyer RFQ Checklist

- + Application and target product grade
- + Required SiO₂ and Fe₂O₃ limits
- + Mesh or particle-size distribution
- + Moisture and washing-status requirement
- + Quantity, packing and shipment schedule
- + Destination port, Incoterm and documents

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