

Company Data

CONTACTS

SABRINA BOZZOLA
MANAGING DIRECTOR
FABIO CIBIN EXECUTIVE DIRECTOR
GLASS, CERAMIC AND SPECIALTIES
SILVIA VATIERO
SALES DIRECTOR GLASS
RAFFAELE RAVAGLIA
ACCOUNT MANAGER

COMPANIES

- Minerali Industriali S.r.l.
- Minerali Industriali Engineering S.r.l.
- Maffei Sarda Silicati S.p.A.
- Sasil S.r.l.
- Seagull S.r.l.
- Lochaline Quartz Sand Ltd.
- Czech Silicat Sro
- Suez Company for Minerals SA
- MIAS
- Mineral Resources de Guatemala SA
- Mexican Silicates Sa de CV
- Ecominerali Mexicana Sa de CV
- Gruppo Minerali do Brasil Ltda
- Colombia Minerales Industriales SAS
- Multi Mineral Mill Sa de CV

Product Range

• RAW MATERIALS

Minerali Industriali Srl is an independent Italian mid-sized mining company that produces raw materials for the glass and ceramic sectors.

Minerali Industriali's global presence counts 15 extraction and production units in Italy, 4 in Europe, 1 in North Africa, 7 in Central and South America and 1 in Asia.

The following 9 companies produce raw materials for the glass industries:

- **MAFFEI SARDA SILICATI S.p.A.** (Italy) feldspatic sands for container glass (flint);
- **MINERALI INDUSTRIALI S.r.l.** (Italy) silica sands for containers, tableware, technical and float glass;
- **SASIL S.r.l.** (Italy) low iron quartz, silica and feldspatic sand, feldspar, cullet (glassy sand) for containers, tableware, technical and float glass;



- **SUEZ COMPANY FOR MINERALS SA** (Egypt) - micronized quarts for fiber glass and feldspar for float and container glass;
- **LOCHALINE QUARTZ SAND Ltd.** (Scotland) - sand for float, solar, containers, tableware and technical glass;
- **COLOMBIA MINERALES INDUSTRIALES SAS** (Colombia) sand for float and containers glass; tableware and technical glass;
- **CZECH SILICAT Sro** (Czech Republic) feldspar for float, containers, tableware and technical glass;
- **GRUPPO MINERALI DO BRASIL Ltda** (Brazil) feldspar for float, containers, tableware and technical glass;

- **MEXICAN SILICATES Sa de CV** (Mexico) feldspar for float, containers, tableware and technical glass

Minerali Industriali products are able to satisfy all the most demanding sectors of flint glass: food and perfumery containers, articles for tableware and lighting, artistic, architectural glass, automotive glass, technical and solar glass. The chemical characteristics of some of the raw materials produced by Minerali Industriali companies can be seen in the table below. Constant product quality is assured by a strict process control system and by systematic chemical and granulometric analysis.

Minerali Industriali staff is able to give all necessary information about the company's products and provide technical assistance. Minerali Industriali can also advise clients on the most affordable solutions.

Products for flat and hollow glass

SILICA AND FELDSPAR SANDS										
Country/Plant	Lochaline SCOTLAND - UK			Florinas (SS) - ITALY			PORTUGAL			
Company										
Product	LQS 85	LQS 120	LQS 390	FLOS V3U	FLOS V32A	FLOS V4U	S 40/45 T2 FL80	S40/45 LI	GS 55/68 FL	S40/45 T2
CHEMICAL ANALYSIS	% SiO ₂	99.60	99.60	99.60	90.10	93.10	87.90	99.50	98.60	99.20
	% Al ₂ O ₃	0.10	0.10	0.07	3.80	3.50	4.60	0.10	0.65	0.27
	% Fe ₂ O ₃	0.0090	0.012	0.0390	0.029	0.025	0.038	0.0095	0.045	0.043
	% TiO ₂	0.02	0.02	0.02	0.005	0.005	0.01	0.02	0.02	0.02
	% CaO	0.05	0.05	0.04	1.70	0.20	2.00	0.02	-	0.05
	% MgO	0.05	0.05	0.04	0.01	0.01	0.01	0.01	-	-
	% Na ₂ O	0.01	0.01	0.01	0.20	0.15	0.15	0.01	-	-
	% K ₂ O	0.05	0.05	0.04	2.90	2.7	3.6	0.01	0.35	0.10
GRANULOMETRY (mm)	% P.F.	0.20	0.10	0.15	1.45	0.20	1.60	0.1	0.20	0.25
		01-06	01-06	01-06	01-08	01-08	01-08	01-06	01-08	01-08



Piazza Martiri della Libertà, 4 - 28100 Novara - Italy

Tel: +39 - 0321 - 377600 - Fax: +39 - 0321 - 391874 - E-mail: info@minerali.com