

LOW IRON SILICA SAND – in Natural

➤ Typical Physical & Chemical Properties

Typical mean values. These do not represent a specification.

Particle Size Distribution (µm)			SiO ₂	Fe	Purity	LOI	pH
>600	600>Size>100	<100					
10%	80%	10%	99.9%	Max.50 ppm	3N	0.5%	7.0

Item	SiO ₂	Fe	Ti	Al	Ca	Mg
Unit	%	ppm	ppm	ppm	ppm	ppm
Average	99.9	13.0	32.6	18.4	78.1	46.1
Min		4.9	21.6	11.4	43.5	18.1
Max		49.6	38.7	26.1	122.3	62.6

Table 1: Chemical composition of silica sand as determined via ICP

➤ Chemical analysis of raw quartz sand

Al	Fe	Na	K	Li	Ti	Zr	Ca	Mg	Cr	Mn	Cu	Sum
17.5	5.5	2.7	1.3	0.08	150	5.2	90	33	0.13	0.12	<0.05	306
Unit: ppm												

IMPORTANT

CHOKO CO., LTD. is able to supply materials to meet the specification of each customer.

The technical data herein is believed to be accurate. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product.

WARNING

Contains Free Silica. Do Not Breathe Dust. Prolonged exposure to dust may cause delayed lung injury (silicosis). Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Humans (vol 68,1997) concludes that there is sufficient evidence in humans for the carcinogenicity of inhaled crystalline silica in the forms of quartz (Group I) in certain industrial circumstances, but that carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution activity or distribution of its polymorphs. See Material Safety Data Sheet for detailed information. CAS14808-60-7 FOR INDUSTRIAL USE ONLY.

Country of Origin: Brazil