

CHARLES B. CHRYSTAL CO., INC

689 Mamaroneck Ave.

Mamaroneck, NY 10543

Tel: 914 777 3330 Fax: 914 777 3035

WEB SITE: www.cbcrystal.com

E-Mail: info@cbcrystal.com

INDUSTRIAL MINERALS SINCE 1897

HIGH PURITY QUARTZ NC2 0-150µm

Chemical content of the solid material:

SiO₂ > 99.996%

Content of other elements in ppm:

	Na	K	Li	Al	Ca	Fe	Ti	Co	Cr	Cu	Ni	Mn
Typical content	3	1,1	0.8	11	0.8	0.5	7	0.01	0.02	0.02	0.02	0.02
Max content	5	2	1	17	2	1	9	0.03	0.1	0.1	0.1	0.1

Grain size distribution:

Typical grain size distribution: d₁₀ = 25µm, d₅₀ = 63µm, d₉₀ = 110µm, for details see own grain size distribution sheet for each big bag or production lot.

Content of water-soluble ionnes.

F ⁻	mg/l	<0.05
Cl ⁻	mg/l	<0.2
NO ₂ ⁻	mg/l	<0.05
Br ⁻	mg/l	<0.1
NO ₃ ⁻	mg/l	0.14
PO ₄ ³⁻	mg/l	<0.2
SO ₄ ²⁻	mg/l	0.3

Whiteness,

RX	RY	RZ	R457
93,6	93,3	92,2	92,1

Conductivity

mS/m	0,2
(µS/cm)	

pH

pH	5,6
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