

FLINT SILICA SERIES

WHOLE GRAIN SILICA

PLANT: OTTAWA, ILLINOIS

TYPICAL PARTICLE SIZE ANALYSIS AND PROPERTIES

US STANDARD SIEVE SIZE	FLINT SILICA #12	FLINT SILICA #13	FLINT SILICA #14	FLINT SILICA #15	FLINT SILICA #16
	INDIVIDUAL % RETAINED				
20	0	0	0	0	0
30	18	13	4	1	1
40	75	64	47	42	31
50	6	19	42	50	48
70	1	3	6	6	17
100	0	1	1	1	3
140	0	0	0	0	0
AFS ⁽¹⁾ Grain Fineness	29	31	36	37	39

TYPICAL PROPERTIES

Mineral	Quartz	Melting Point (Degrees F)	3100
Grain Shape	Round	SiO ₂ (Silicon Dioxide, %)	>99.7
Specific Gravity	2.65	pH	7
Hardness (Mohs)	7		

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(1) American Foundry Society

U.S. Silica Company

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DISCLAIMER: The information set forth in this Product Data Sheet represents typical properties of the product described; the information and the typical values are not specifications. U.S. Silica Company makes no representation or warranty concerning the Products, expressed or implied, by this Product Data Sheet.

WARNING: The product contains crystalline silica – quartz, which can cause silicosis (an occupational lung disease) and lung cancer. For detailed information on the potential health effect of crystalline silica - quartz, see the U.S. Silica Company Material Safety Data Sheet.

