

Parameter Sheet

Quartz Grits Q1

Silica

SiO₂ > 99.0%

Color

L 91 min

Humidity

Max 0.3%

Chemical Parameters

Parameter	Result
SiO ₂	> 99.0%
Na ₂ O	0.05% max
CaO	0.03% max
Fe ₂ O ₃	0.06% max
K ₂ O	0.02% max
TiO ₂	0.04% max
Al ₂ O ₃	0.1% max
L.O.I	0.1 max

Physical Parameters

Parameter	Result
Color L	91 min
Color a	1.0 max
Color b	2.5 max
Particle size distribution	Size in range > 90%; upper size < 5%; lower size < 5%
Black particles / 100 g	5
Other color particles / 100 g	5
Humidity	Max 0.3%

Available Size Ranges

Size Range	Availability
0.1-0.4 mm	Available
0.3-0.7 mm	Available
0.6-1.2 mm	Available
1.2-2.5 mm	Available
2.5-4.0 mm	Available
4.0-6.0 mm	Available
Custom sizing available	Available

Supply Reference

Forms	Quartz grits
Packing	Jumbo bags
Typical use	Ceramics, glass manufacturing, engineered stone, and mineral systems
HSN code	25061020