

SILICA SAND (G S 1 S)

FOR TABLE WEAR GLASS

STANDARD TECHNICAL SPECIFICATIONS

CHEMICAL ANALYSIS :-

SiO ₂	99.5 % Min
Fe ₂ O ₃	120 – 160 ppm
Al ₂ O ₃	0.05 - 0.30 %
TiO ₂	0.01 – 0.02 %
MgO	0. 01 – 0.02 %
Na ₂ O	0.02 – 0.04 %
K ₂ O	0.02 – 0.04 %

GRANULOMETRIC ANALYSIS :-

0 - 0.6 mm	95 % min
+ 0.6 mm	5 % max
+ 0.8	0 %

SILICA SAND (G S 1) FOR FLOAT GLASS
TECHNICAL SPECIFICATIONS

CHEMICAL ANALYSIS :-

SiO ₂	99.5 % Min
Fe ₂ O ₃	0.018 – 0.025 %
Al ₂ O ₃	0.1 -0.5 %
TiO ₂	0.03 %
CaO	0.01%
MgO	0. 01 %
Na ₂ O	0.02 %
K ₂ O	0.019 %
L.O.I	0.1 %
Moisture Content :	0.25 %

GRANULOMETRIC ANALYSIS

:-

0. 01 - 0.6 mm	94% min
-0.01 mm	3 % max
+ 0.6 mm	3 % max
+ 0.8	0 %

SILICA SAND (G S 2 S)
FOR FLOAT & CONTAINER GLASS
TECHNICAL SPECIFICATIONS.

CHEMICAL ANALYSIS :-

SiO ₂	99.5 % Min
Fe ₂ O ₃	0.025 – 0.035 %
Al ₂ O ₃	0.1 -0.5 %
TiO ₂	0.03 %
CaO	0.01%
MgO	0.01 %
Na ₂ O	0.02 %
K ₂ O	0.019 %
L.O.I	0.1 %

Moisture Content : 0.25 %

GRANULOMETRIC ANALYSIS :-

0.01 - 0.6 mm	94% min
-0.01 mm	3 % max
+ 0.6 mm	3 % max
+ 0.8	0 %

SILICA SAND (G S 2) FOR DARK GLASS

TECHNICAL SPECIFICATIONS

CHEMICAL ANALYSIS :-

SiO ₂	99.3 % Min
Fe ₂ O ₃	0.035 – 0.055 %
Al ₂ O ₃	0.05 – 0.5 %
TiO ₂	0.03 %
CaO	0.01%
MgO	0.01 %
Na ₂ O	0.02 %
K ₂ O	0.019 %
L.O.I	0.1 %
Moisture Content :	0.25 %

GRANULOMETRIC ANALYSIS :-

0.01 - 0.6 mm	94% min
-0.01 mm	3 % max
+ 0.6 mm	3 % max
+ 0.8	0 %