

FINE SILICA SAND FOR GLASS INDUSTRY

| Typical Data 2009 - Chemical Analyses | | | |
|---------------------------------------|---------|---------|---------|
| Component | Type 01 | Type 02 | Type 03 |
| SiO ₂ | 99,7% | 99,7% | 99,7% |
| Al ₂ O ₃ | 0,07% | 0,07% | 0,02% |
| Fe ₂ O ₃ | 0,06% | 0,012% | 0,012% |
| TiO ₂ | 0,012% | 0,012% | 0,012% |

| Proposed Specification - Chemical Analyses | | | |
|--|--|--|---------------------|
| Component | Type 01 | Type 02 | Type 03 |
| SiO ₂ | 99,70% (+/-) 0,02% | 99,70% (+/-) 0,02% | 99,70% (+/-) 0,02% |
| Al ₂ O ₃ | 0,16% (+/-) 0,14% | 0,16% (+/-) 0,14% | 0,022% (+/-) 0,007% |
| Fe ₂ O ₃ | 0,11% (+/-) 0,09% | 0,012% (+/-) 0,002% | 0,012% (+/-) 0,002% |
| TiO ₂ | 0,012% (+/-) 0,001% | 0,012% (+/-) 0,001% | 0,012% (+/-) 0,001% |
| Reccomendation | Coloured Container glass / Insulating Fibres | Float Glass / Colourless glass / Flint Glass | |

| GRAIN SIZE DISTRIBUTION | | | | |
|-------------------------|----------|------------|---------|---------|
| Mesh | mm | Weight (%) | | |
| | | Type 01 | Type 02 | Type 03 |
| #10 | 2.00mm | 0,00% | 0,00% | 0,00% |
| #18 | 1.0mm | 0,02% | 0,02% | 0,03% |
| #35 | 0.5mm | 0,10% | 0,15% | 0,12% |
| #50 | 0.297mm | 15,78% | 12,17% | 14,81% |
| #60 | 0.250mm | 22,04% | 24,71% | 21,06% |
| #80 | 0.177mm | 35,16% | 34,56% | 35,69% |
| #120 | 0.125mm | 16,54% | 18,05% | 15,78% |
| #170 | 0.088mm | 5,42% | 6,17% | 6,92% |
| pan | <0.088mm | 4,94% | 4,17% | 5,59% |