

SUPER WHITE MICROSCOPE SLIDES (CSW Slides)

Significantly beyond the conventional green Microscope Slides and Coverglass.

Today while more and more automated equipment are being introduced into modern laboratories, people's expectation on the quality of Microscope Slides and Coverglasses is also becoming higher and higher. What is the fundamental factor that determines the quality of Microscope Slides? It is the composition of the glass material that is specially formulated that ensures the excellent optical, physical and chemical properties.

Our partner manufacturer in China has continuously developed and improved cost efficient high quality microscope slides and coverglasses which can be used in diversified applications. Finally, after years of upgrading production capabilities, we are proud to introduce the development of a high quality glass material that can match up with the best in the industry: the CSW glass.

The CSW Glass

The CSW glass is a special formulated glass sheet and is exclusively manufactured inside our partner manufacturer's own glass furnace.

- The high purity and low content in iron significantly help obtain excellent optical properties, which supports not only conventional but rigorous experiments.
- The high content in Al_2O_3 greatly improves the hardness of surface and the stability of the molecular structure, ensuring more accurate experiment results.
- The low content in Na_2O helps achieve an obvious reduction of oxidation, offering extended conservation.

Technical Notes

Chemical Properties

Composition		%
Silicon Dioxide	SiO_2	73.00
Sodium Oxide	Na_2O	14.00
Potassium Oxide	K_2O	1.50
Calcium Oxide	CaO	5.82
Magnesium Oxide	MgO	4.00
Aluminum Oxide	Al_2O_3	1.50
Ferric Oxide	Fe_2O_3	0.03
Sulfur Trioxide	SO_3	0.15