

# Glassy carbon conducting films on quartz substrates



Photograph of the Glassy carbon conducting films on quartz substrates

**Synonyms** : Glassy Carbon film / coating deposited on quartz (QZ) substrates.

**Appearance** : Black, shiny (in reflection).

**Size** : 2 cm x 2 cm.

**Sheet Resistance** < 10  $\Omega / \square$ , 100  $\Omega / \square$ .

**Thermal stability** > 500 °C (in N<sub>2</sub> atmosphere)

**Solubility** : Insoluble in common organic solvents.

Acid resistant, scratch resistant and have good adhesion on the quartz substrate.

**Applications** : As conducting electrodes – in electrochemical applications, in electronic devices etc.

**Additional Information** : TEM and XRD indicated that it is a mixture of amorphous and Graphitic carbon.

**Minimum order** : One packet (contains 10 glassy carbon films of 2 cm x 2 cm size)

**For Orders** : Request a Quote ([psomani1@yahoo.com](mailto:psomani1@yahoo.com))

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