

TRANSPARENT CONDUCTIVE GLASS SUBSTRATE

ABSTRACT

To perform a flexible transparent conductive glass substrate having flexibility similar to a plastic substrate, achieving hardness and transparency not found in plastics, and having adhesion that can withstand use with a curved surface, provided is a transparent conductive glass substrate comprising a conductive polymer layer on at least one surface of a glass substrate, and having a surface resistance of $1.8 \text{ G}\Omega/\text{sq.}$ or less, total light transmittance of 85 % or more, surface pencil hardness of H or more, and no damage in bending test with the radius R25 mm. Furthermore, a conductive polymer paint forming the conductive polymer layer may comprise a conductive polymer, a polyanion and further one or more selected from the group consisting of binder, curing agent, high conductive agent, surfactant, catalyst, and agent for improving adhesion.

[No figure]