

J. B. TREASURE & Co. Ltd.

CERAMIC GLASS

Glass Ceramics are produced by the heat treatment of special composition glass where the glass is converted into ultra fine crystals with a very low coefficient of expansion.

Glass Ceramics are used for a wide range of applications as its high impact strength, clarity, infrared transmittance, visible light transmittance, and high thermal shock resistance make it an ideal choice for fire and heat related equipment

Its many uses include :- Window glasses for use in wood stoves and gas and solid fuel fire fronts, Observation windows for furnaces and industrial uses, Lighting covers, and UV filters for halogen lamps. Please note that it has a slight brown tint and is not described as a safety glass

Glass Ceramics high thermal shock resistance means that it can withstand cold water quenching even when heated to temperatures as high as 800 °C.

SPECIFICATIONS :-

THICKNESS	3mm 4mm and 5mm
SURFACE FINISH	Clear
SHEET SIZE	Max 2000mm(80") x 1100mm (43")
MAXIMUM TEMPERATURE	700° C Continuous / 800° C Short Term
THERMAL SHOCK	800° C
THERMAL COEFFICIENT	+/- 3.0 x 10 ⁻⁷ K ⁻¹
REFRACTIVE INDEX	1.55

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