

TGI Coated Glass For Architectural Application 台玻建築用鍍板玻璃性能						
鍍膜種類 COATING	硬鍍層 HARD COATING	軟鍍層 SOFT COATING				
規格 SPECIFICATION	LVC 反射 LAMINAR VAPOR COATING	熱控反射 SOLAR CONTROL	單銀低輻射 SINGLE LOW-E	雙銀低輻射 DOUBLE LOW-E	熱控單銀低輻射 LOW-E SUN	鈦基低輻射 TI-BASED LOW-E
特性 PROPERTY	抗日曬 ANTI INSOLATION	抗日曬 ANTI INSOLATION	熱絕緣、保溫 THERMAL INSULATION	抗日曬及熱絕緣兼具 ANTI INSOLATION AND THERMAL INSULATION	抗日曬及熱絕緣兼具 ANTI INSOLATION AND THERMAL INSULATION	抗日曬及熱絕緣兼具 ANTI INSOLATION AND THERMAL INSULATION
可見光透過率 (%) VISIBLE LIGHT TRANSMISSION	單層玻璃 32 SINGLE GLAZING 雙層玻璃 29 INSULATING GLAZING	單層玻璃 8~60 SINGLE GLAZING 雙層玻璃 7~53 INSULATING GLAZING	雙層玻璃 74 INSULATING GLAZING	雙層玻璃 62 INSULATING GLAZING	雙層玻璃 46~51 INSULATING GLAZING	雙層玻璃 TLE62 : 62 TLE72 : 72 INSULATING GLAZING
熱傳透率 (W/m ² K) U 值 COEFFICIENT OF THERMAL TRANSMITTANCE U VALUE	單層玻璃 6.0 SINGLE GLAZING 雙層玻璃 3.9 INSULATING GLAZING	單層玻璃 4.7~6.1 SINGLE GLAZING 雙層玻璃 2.4~3.2 INSULATING GLAZING	雙層玻璃 1.5 INSULATING GLAZING	雙層玻璃 1.4 INSULATING GLAZING	雙層玻璃 1.26~1.51 INSULATING GLAZING	雙層玻璃 TLE62 : 1.3 TLE72 : 1.4 INSULATING GLAZING
總熱透過率 (%) G 值 TOTAL SOLAR ENERGY TRANSMISSION G VALUE	單層玻璃 50 SINGLE GLAZING 雙層玻璃 42 INSULATING GLAZING	單層玻璃 22~65 SINGLE GLAZING 雙層玻璃 14~53 INSULATING GLAZING	雙層玻璃 57 INSULATING GLAZING	雙層玻璃 45 INSULATING GLAZING	雙層玻璃 32~44 INSULATING GLAZING	雙層玻璃 TLE62 : 43 TLE72 : 55 INSULATING GLAZING

遮蔽係數 SHADING COEFFICIENT	0.48	0.20~0.67	0.65	0.51	0.34~0.51	TLE62 : 0.50 TLE72 : 0.63
輻射率 EMISSIVITY	0.84	0.36~0.83	0.09	0.05	0.02~0.12	TLE62 : 0.03 TLE72 : 0.05
可視光反射率 (%) REFLECTION (GLASS SIDE)	40	7~28	15	12	14~38	TLE62 : 26 TLE72 : 15
反光顏色 COLOR IN REFLECTION	古銅色 BRONZE	藍色/銀色/古銅色/ 金黃色 BLUE/SILVER/ BRONZE/YELLOW GOLD	無色 ALMOST NEUTRAL	無色 ALMOST NEUTRAL	無色 ALMOST NEUTRAL	無色 ALMOST NEUTRAL

※ 數據是依照 NFRC/ASHRAE 的規範，以 12mm 的間隙，使用 6MM 厚的玻璃和填充 100%的氬氣，鍍膜在透明玻璃#2 面。

※ Calculations are based on NFRC/ASHRAE Standard, 6-12-6 with Argon for insulating glazing coating on clear glass position#2.

※ U value : 1BTU/ft²hr°F=5.678W/m²K