

**GlasSeal (NI) Ltd.**

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01/07/2013

**EN 1279-5**

Insulating glass units intended to be used in buildings and construction works

4mm Annealed/12mm Argon 90% Low-E/4mm Toughened [20mm]  
GS-DGU 04A-AR12LE-04T*Characteristics:***For uses relating to safety in case of fire**

Resistance to fire	NPD
Reaction to fire	NPD
External fire performance	NPD

**For uses as anti-bullet or anti-explosion glazing**

Bullet resistance	NPD
Explosion resistance	NPD

**For uses liable to present "safety-in-use" risks and subject to such regulations**

Burglar resistance	NPD / NPD
Pendulum body impact resistance	NPD / 1(C)3
Resistance against sudden temperature changes and temperature differentials	40K / 200K
Wind, snow, permanent and imposed load resistance (mm)	4/12/4

**For uses relating to noise reduction**

Direct airborne sound insulation (dB)	NPD
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**For uses relating to energy consumption**

Emissivity $\epsilon_d$	NPD
U value (W/m <sup>2</sup> K)	1.3
Light transmittance $\tau_L$	NPD
Light reflection $\rho_L$	NPD
Solar energy transmission $\tau_E$	NPD
Solar energy reflection $\rho_L$	NPD
Solar factor $g$	NPD

*Dangerous Substances:*

Dangerous substances	No
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NPD : No Performance Declared