

## G-Tech Technical Data Sheet (1) :

Characteristics	Test Method	Tested Value	Required Value
Thickness	EN 438-2 section 5	According to the required thickness	0.9 ≤ t ≤ 1.2 mm : ± 0.10 mm 4.0 mm : ± 0.3 mm For any other thickness – upon technical approval
Density	ISO 1183 - 1	1.4 gr/cm <sup>3</sup>	Min. 1.35 gr/cm <sup>3</sup>
Wear Resistance	EN 438-2 section 10 HGS , CGS	IP = 185 Rev.	Initial Point ≥ 150 Rev.
Scratch Resistance	EN 438-2 section 25 HGS , CGS	4 N	Flat Surface Min. 2 N Textured Surface Min. 3 N
Impact Resistance	EN 438-2 Small Ball section 20 HGS , CGS	22 N	Min. 20 N
Dimensional Stability at elevated temp.	EN 438-2 section 17 HGS , CGS	%L = 0.38 ; %T = 0.92	Max. values %L = 0.55 ; %T = 1.05

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Characteristics	Test Method	Tested Value	Required Value
Resistance to Dry Heat ( @ 180°C )	EN 438-2 section 16		Rating Min.
	HGS , CGS	4	3
	Glossy Surface Finish Other Surface Finish	5	4
Resistance to water vapor	EN 438-2 section 14		Rating Min.
	HGS , CGS	4	3
	Glossy Surface Finish Other Surface Finish	5	4
Resistance to immersion in Boiling Water	EN 438-2 section 12		Rating Min.
	HGS , CGS	4	3
	Glossy Surface Finish Other Surface Finish	5	4
Resistance to Staining	EN 438-2 section 26		Rating Min.
	HGS , CGS		
	Group 1 & 2 Group 3	5 4	5 4

## G-Tech Technical Data Sheet (2) :

Characteristics	Test Method	Tested Value	Required Value
Flatness	EN 438-2 section 9 HGS 0.9 ≤ t ≤ 1.2 mm	36	Max. 60 mm/m
	CGS 2.0 ≤ t < 6.0 mm	1.23 mm	Max. 8 mm / 1 M length
Electrical Resistance  Rs ( 100v ) RH = 15% + 60%  Rg ( 100v ) RH = 15% + 60%  Charge Decay	DIN EN 61340 –5-1&2 (2001)	58 x 10 <sup>6</sup> Ω	1x10 <sup>4</sup> Ω ≤ R <sub>s</sub> ≤ 1x10 <sup>9</sup> Ω
	DIN EN 61340 –5-1&2 (2001)	35 x 10 <sup>6</sup> Ω	7.5x10 <sup>5</sup> Ω ≤ R <sub>g</sub> ≤ 1x10 <sup>9</sup> Ω
	ASTM-D257 and ASTM-F150	---	Mandatory only where R <sub>s</sub> or R <sub>g</sub> > 10 <sup>10</sup> Ω

### Remarks :

- @ HGS = Horizontal Grade Standard Laminate
- @ VGS = Vertical Grade Standard Laminate
- @ Rs= surface resistance
- @ Rg= resistance to ground
- @ Available surface finish – Bute. For any other surface upon technical approval.
- @ Available Thickness 0.9 – 1.2 mm & 4 mm. For any other thickness upon technical Approval.
- @ Approved decors – 3153 & 3150. Any other décor - only upon technical approval.
- @ It is recommended to use Static dissipative PB ( Particle Board ) and Static dissipative Adhesives for laminate / Board applications.