

G-crea HPL Technical Data (1)

Characteristics	Test Method	Required Value
Thickness	EN 438-2 section 5	0.5 ≤ t ≤ 1.0 mm : ± 0.10 mm 1.0 < t < 2.0 mm : ± 0.15 mm
Density	ISO 1183 - 1	Min. 1.35 gr/cm ³
Scratch Resistance	EN 438-2 section 25 VGS , VGF	Min. 2 N
	HGS , HGF	Min. 3 N
Impact Resistance	EN 438-2 Küçük Bilye section 20 VGS , VGF HGS , HGF	Min. 15 N Min. 20 N
	Big Ball section 21 VGS , VGF HGS , HGF	Drop Height Min 600 mm Indent Diameter Max 10 mm Drop Height Min 800 mm Indent Diameter Max 10 mm
Crack Resistance	EN 438-2 section 23 HGS , HGF , VGS , VGF	Min. 4 N
Resistance to Dry Heat at 180°C	EN 438-2 section 16 HGS , HGF , VGS , VGF	Min. level 4
Resistance to Water Vapor	EN 438-2 section 14 HGS , HGF , VGS , VGF	Min. level 4
Resistance to Boiling Water	EN 438-2 section 12 HGS , HGF , VGS , VGF	Min. level 4
Resistance to Cigarette Burn	EN 438-2 section 30 HGS , HGF , VGS , VGF	Min. level 3

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Characteristics	Test Method	Required Value
Resistance to Staining	EN 438-2 section 26 HGS , HGF , VGS , VGF	
	Group 1 + 2	Min. level 5
	Group 3	Min. level 4
Flatness	EN 438-2 section 9 HGS , HGF , VGS , VGF	Max. 60 mm / 1 M length

Remarks :

- @ HGS = Horizontal Grade Standard Laminate
- @ HGF = Horizontal Grade Flame Retardant Laminate
- @ VGS = Vertical Grade Standard Laminate
- @ VGF = Vertical Grade Flame Retardant Laminate