

G-XRay Technical Data Sheet (1) :

Characteristics	Test Method	Required Value
Thickness	EN 438-2 section 5	$2.0 \leq t < 3.0$ mm : ± 0.20 mm $3.0 \leq t < 5.0$ mm : ± 0.3 mm $5.0 \leq t < 8.0$ mm : ± 0.4 mm $8.0 \leq t < 12.0$ mm : ± 0.5 mm $12.0 \leq t < 16.0$ mm : ± 0.6 mm $16.0 \leq t < 20.0$ mm : ± 0.7 mm $20.0 \leq t < 25.0$ mm : ± 0.8 mm $25.0 \leq t$: According To Agreement customer / producer
Density	ISO 1183 - 1	Min. 1.35 gr/cm ³
Wear Resistance	EN 438-2 section 10 CGS	Initial Point ≥ 150 Rev. Wear Value ≥ 350 Rev.
Scratch Resistance	EN 438-2 section 25 CGS	Flat Surface Min. 2 N Textured Surface Min. 3 N
Impact Resistance	EN 438-2 Big Ball section 21 CGS $2.0 \leq t < 6.0$ mm $t \geq 6.0$ mm	1400 mm height : no crack , 10 mm Max. 1800 mm height : no crack , 10 mm Max.
Resistance To Crazing (20 Hours @ 80°C)	EN 438-2 section 24 CGS	Min. Level 4

G-XRay Technical Data Sheet (1) :

Characteristics	Test Method	Required Value
Resistance to Dry Heat at 180°C	EN 438-2 section 16 CGS	
	Glossy Surface Finish Other Surface Finish	Min. Level 3 Min. Level 4
Resistance to Water Vapor	EN 438-2 section 14 CGS	
	Glossy Surface Finish Other Surface Finish	Min. Level 3 Min. Level 4
Resistance to Boiling Water	EN 438-2 section 12 CGS	
	$2.0 \leq t < 5.0$ mm	Max. 5% in weight Max. 6% in thickness
	$t \geq 5.0$ mm	Max. 2% in weight Max. 2% in thickness
	Glossy Surface Finish Other Surface Finish	Min. Level 3 Min. Level 4

G-XRay Technical Data Sheet (2) :

Characteristics	Test Method	Required Value
Resistance to Cigarette Burn	EN 438-2 section 30 CGS	Min. Level 3
Resistance to Staining	EN 438-2 section 26 CGS	Min. Level 5
	Group 1 + 2	
	Group 3	Min. Level 4
Flatness	EN 438-2 section 9 CGS	Max. 8 mm / 1 M length Max. 5 mm / 1 M length Max. 3 mm / 1 M length
	$2.0 \leq t < 6.0$ mm	
	$6.0 \leq t < 10.0$ mm	
	$t \geq 10.0$ mm	
Light fastness	EN 438-2 section 27 CGS Grey Scale	Min. level 4
High Temp. stability 70°C	EN 438-2 section 17 CGS	L : Max. 0.4 mm W : Max. 0.8 mm L : Max. 0.3 mm W : Max. 0.6 mm
	$2.0 \leq t \leq 5.0$ mm $t \geq 5.0$ mm	
Tensile Strength	EN ISO 527 – 2 CGS	Min. 60 MPa

G-XRay Technical Data Sheet (2) :

Characteristics	Test Method	Required Value
Flexural Strength	EN ISO 178 CGS	Min. 80 MPa

Remarks :

@ CGS = Compact Grade Standard Laminate

@ Required Values Based on 438-4