

Technical Data Sheet for Compact General Purpose Laminates-13.0 mm thickness

S. No.	Properties	Unit	Test method as per EN 438 Part 2 & 4 : 2016	Specified values	Typical Greenlam results
1	CLASSIFICATION		EN 438-4- 4	COMPACT GENERAL PURPOSE STANDARD, CGS	
2	Thickness & Maximum variation	mm	EN 438-2 - 5	13.0 ± 0.60	Complies
3	Length & Width	mm	EN 438-2 - 6	+10mm /- 0mm	Complies
4	Resistance to Dry Heat at 160° C	Rating	EN 438-2 -16	4 (min.)	5
5	Resistance to Surface Wear, Initial point	Rev.	EN 438-2 -10	150 (min.)	Complies
6	Resistance to Water Vapor, Appearance	Rating	EN 438-2 -14	4 (min.)	5
7	Resistance to Immersion in Boiling Water (2 hours)		EN 438-2 - 12		
	a) Mass Increase	%		2.0 (max.)	0.52
	b) Thickness	%		2.0 (max.)	0.88
	c) Surface appearance	Rating		4 (min.)	5
d) Edge appearance	3 (min.)		4		
8	Dimensional Stability at Elevated Temperature		EN 438-2 - 17		
	a) Longitudinal	%		0.30(max.)	0.09
	b) Transverse	%		0.60 (max)	0.16
9	Resistance to Impact by Large Diameter Ball		EN 438-2 - 21		
	a) Drop Height	mm		1800	2000
	b) Diameter of Indentation	mm		10 (max)	7
10	Resistance to Scratching, Force	Rating	EN 438-2 - 25	3 (min.)	4
11	Resistance to staining Group 1 & 2	Rating	EN 438-2 - 26	5	5
	Group 3	Rating		4	≥ 4
12	Resistance to Wet heat (100°C), Appearance	Rating	EN 438-2 - 18	4 (min.)	5
13	Thermal Conductivity	W/M °K	EN 12664	---	0.24
14	Flexural Modulus	Mpa	EN ISO 178:2010	9000 (min.)	11000
15	Flexural Strength	Mpa	EN ISO 178:2010	80 (min.)	100
16	Light Fastness (Xenon Arc), Grey Scale	Rating	EN 438-2 - 27	4 to 5	Complies
17	Density	g/cm ³	EN ISO 1183 -1 :2004	1.35	1.38