

1.25 MM Collection

Sr. No.	PROPERTIES	UNIT	TEST METHOD AS PER IS 2046: 1995	SPECIFIED VALUES	TYPICAL MIKASA LAMINATES VALUES
GENERAL					
1	Classification		IS 2046 :1995	HGS	HGS*
DIMENSIONAL PROPERTIES					
2	Surface Quality	mm ² /M ²	Clause 5.4.1.1	1.0 (max)	Complies
3	Fibers, Hairs & Scratches	mm/M ²		10.0 (max)	Complies
4	Thickness & Maximum variation	mm	Clause 5.3	1.25 ± 0.15	Complies
5	Length & Width	mm	Clause 5.4.6	+10mm /-0mm	+5mm /-0mm
6	Flatness	mm/M	Clause 5.4.6	60.0 (max)	≤ 50
7	Edges Straightness	mm/M	Clause 5.4.7	1.5 (max)	≤ 1
8	Edges Squareness	mm/M	Clause 5.4.8	1.5 (max)	Complies
SURFACE PROPERTIES					
9	Resistance to Dry Heat at 180° C	Rating (min.)	Annex - E	Gloss finish - 3 Other finish - 4	Complies Complies
10	Resistance to Surface Wear	Revolutions	Annex - C	150 (min.) IP	Complies
11	Resistance to Scratching	Rating	Annex - L	5	5
12	Resistance to Water Vapor, Appearance	Rating	EN 438-2-14	Gloss finish - 3 Other finish - 4	Complies Complies
13	Light Fastness (Xenon-Arc Light)	Contrast	Annex - N	4 to 5	4
PHYSICAL PROPERTIES					
14	Resistance to Impact by Large Diameter Ball		Annex - H		
	Drop Height	mm		800 (min.)	1200
	Diameter of Indentation	mm		10 (max)	6
15	Resistance to Impact by Small Diameter Ball	Rating	Annex - H	20 (min)	Complies
16	Resistance to Immersion in Boiling Water	Rating	Annex - D	Gloss finish - 3 Other finish - 4	Complies Complies
17	Dimensional stability at Elevated temperatures		Annex - F		
	Longitudinal	%		0.55 (max.)	Complies
	Transverse	%		1.05 (max.)	Complies
18	Resistance to cracking	Rating	Annex - K	4 (min)	5
19	Density	g/cm ³	EN ISO 1183 -1 :2004	1.35 (min.)	1.38

Note: Greenlam products are manufactured thoroughly to standards. The values given above are to the best of knowledge but without liability/warranty, expressed or implied.