

0.8 mm



**TECHNICAL SPECIFICATION**  
**DECORATIVE HIGH PRESSURE LAMINATES**  
**IS 2046 : 1995**

Type		UNIT	Thick. 0.8mm, Type - S, HGS	
S. No	Test Description		Standard Value	ASIS Value
	Dimension Tolerance			
1	Thickness	mm	±0.1	complies
2	Length	mm	+10, -0	complies
3	Width	mm	+10, -0	complies
4	Staightness of Edges	mm/m	1.50	complies
5	Warping t <2.0mm (max)	mm	120	complies
6	Squareness of Laminates	mm/m	1.50	complies
7	Appearance		Free form Surface Defects	complies
8	Resistance to surface Wear (Rev.)	>	350	400
9	Resistance to immersion in boiling water			
	(a) Thickness Increase (max)	%	14.0	10.1
	(b) Mass Increase (max)	%	12.0	8.30
	(c) Appearance Grade : (not worse than)		4	complies
10	Dimensional stability at Deviated temp (max)	%	-MD-0.625, CD-1.10	-MD-0.30, CD-0.65
11	Resistance to impact by small diameter ball (min)	N	20.0	30
12	Resistance to scratching (min)	N	2.0	4.0
13	Resistance to staining			
	(a) Group 1 & 2 Grade : (not worse than)		5	complies
	(b) Group 3 & 4 Grade : (not worse than)		4	complies
	(c) Resistance to steam Grade : (not worse than)		3	complies
14	Formability Test (max)	mm	NA	NA
15	Resistance to Blistering (min)	sec	NA	NA
16	Resistance to dry heat at 180 C Grade : (not worse than)		4	complies
17	Resistance to cracking (thin laminates) Grade : (not worse than)		4	complies
18	Resistance to cigarette burns Grade : (not worse than)		3	complies