

TECHNICAL SPECIFICATIONS



S. NO.	PERFORMANCE CHARACTERISTIC	REQUIREMENT AS PER IS 2046:1995	AIROLAM VALUES
	Type and Thickness	HGS, Thickness 1.0 mm	
1	Dimensional Properties		
	Length X Width (2440X1220)mm	+10, -Nil	Conforms
	Thickness (mm)	1.0 ± 0.10	Conforms
	Squareness (mm/Mtr)	1.5mm (max.)	Conforms
	Straightness of Edges (mm/Mtr)	1.5mm (max.)	Conforms
2	Resistance to Dry Heat at 180°C	Not worse than Grade 4	Conforms
3	Resistance to Surface Wear, Revolutions	350 (min.)	Conforms
4	Resistance to Immersion in Boiling Water		
	a) Mass Increase (%)	10.0 (max.)	Conforms
	b) Thickness Increase (%)	11.8 (max.)	Conforms
	c) Appearance	Not worse than Grade 4	Conforms
5	Dimensional Stability at Deviated Temperature		
	Longitudinal	0.55% (max)	Conforms
	Transverse	1.05% (max.)	Conforms
6	Resistance to Impact by Small Diameter Ball, Load	20 N (min.)	Conforms
7	Resistance to Colour Change		Conforms
	In Xenon Arc Light	Not worse than Grade 6	Conforms
8	Resistance to Cracking	Not worse than Grade 4	Conforms
9	Resistance to Scratch	2.0	Conforms
10	Resistance to Stain	Not worse than Grade 5	Conforms
11	Resistance to Cigarette Burns	Not worse than Grade 3	Conforms
12	Resistance to Steam	Not worse than Grade 4	Conforms

Note:

Whereas the AIROLAM products are manufactured to thorough standards, the nature of the application procedure is beyond our control. The values given above are to the best of knowledge but without liability/warranty, expressed or implied.