

TECHNICAL SPECIFICATIONS



S. NO.	PERFORMANCE CHARACTERISTIC	UNIT	REQUIREMENT AS PER IS 2046:1995, VGS	AIROLITE CONFORMS
1	Appearance & Surface Defects	Surface free from spots, dirt, hair & edge defects		
2	Dimensional Properties:			
	Length	mm	2440 +10, -Nil	Conforms
	Width	mm	1220 +10, -Nil	Conforms
	Thickness	mm	Max. variation ± 0.10	Conforms
	Flatness	Warp, mm	120 (max.)	Conforms
	Straightness of Edges	mm/meter straight edge	1.5 mm (max.)	Conforms
	Squareness	mm/meter straight edge	1.5 mm (max.)	Conforms
3	Resistance of Surface Wear	Rev.	150 (min.)	Conforms
4	Resistance to Immersion in Boiling Water	% increase by thickness	14.0 (max.)	Conforms
		% increase by weight	12.0 (max.)	Conforms
		Appearance	Not worse than Grade-4	Conforms
5	Resistance to Staining	Groups 1 & 2	Not worse than Grade-5	Conforms
		Groups 3 & 4	Not worse than Grade-4	Conforms
6	Resistance to Dry Heat @ 180°C	Appearance, Prime Gloss	Not worse than Grade-3	Conforms
		Appearance, Others	Not worse than Grade-4	Conforms
7	Resistance to Colour Change in Xenon Arc Light	Grade	Not worse than 6	Conforms
8	Dimensional Stability at Deviated Temperatures:			
	Machine Direction	%	0.65 (max.)	Conforms
	Cross Machine Direction	%	1.12 (max.)	Conforms
9	Resistance to Scratching	N	1.75 (min.)	Conforms
10	Resistance to Steam	Grade	Not worse than Grade-4	Conforms
11	Resistance to Cracking	Grade	Not worse than Grade-4	Conforms
12	Resistance to Impact by Small Ball	N	20 (min.)	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.