

Properties	Test Method as per EN - 438-2 CLAUSE NO.	Property or Attribute	Unit (Max. or Min.)	Value as per EN - 438-2	Airolam Values
<b>Thickness Maximum Variation</b>	5		mm	±0.10mm	±0.10mm
<b>Length &amp; Width</b>	6		mm	+10mm -0.0mm	
<b>Density</b>	EN ISO 1183	Density	g/cm <sup>3</sup>	≥1.35	>1.35
<b>Resistance to Surface wear</b>	10	Wear Resistance	Revolution (min)	≥350	>400
<b>Resistance to Impact by Small diameter Ball</b>	20	Spring Force	N(min)	≥20	
<b>Resistance to Scratching</b>	25	Force	Rating (see annex a)	3	≥3
<b>Dimensional stability at elevated temperature</b>	17	Cumulative dimensional change	% long % Cross	≤ 0.55 ≤ 1.05	
<b>Resistance to immersion in boiling water</b>	12	Appearance	Grade (min) Gloss Finish Other finishes	3 4	
<b>Resistance to dry Heat at 180°C</b>	16	Appearance	Grade (min) Gloss Finish Other finishes	3 4	
<b>Resistance to Staining</b>	26	Appearance	Rating Group-1&2  Group-3	≥5  ≥4	
<b>Resistance to water vapor</b>	14	Appearance	Grade (min) Gloss Finish Other finishes	3 4	
<b>Light Fastness (Xenon arc)</b>	27	Contrast	Gray Scale Rating	4 to 5	>4
<b>Resistance to cigarette burn</b>	30	Appearance	Grade (min)	3	>3
<b>Resistance to Cracking under stress</b>	23	Appearance	Grade (min)	4	>4

**External Test report available for Airolam FR+ laminate and can be provided on request.**

**Note:** All our products comply to applicable standards, but results may differ based on the application and handling of the product. Please refer <https://airolam.com/> for warranty clauses.