

Test Values of Merino Standard Grade Laminate as per (EN438-3)
Thickness :1.00mm

<i>Properties</i>	<i>Test Method as per EN 438-2 CLAUSE NO.</i>	<i>Property or attribute</i>	<i>Unit (max or min)</i>	<i>Values as per EN 438-3</i>	<i>Merino Value</i>
Thickness Maximum Variation	5		mm	±0.10mm	±0.10mm
Length & Width	6		mm	+10mm -0.0mm	+10mm -0.0mm
Density	EN ISO 1183	Density	g/cm ³	≥1.35	>1.35
Resistance to Surface wear	10	Wear Resistance	Revolution (min)	≥350	>400
Resistance to Impact by Small diameter Ball	20	Spring Force	N(min)	≥20	>20
Resistance to Scratching	25	Force	Rating (see annex a)	3	≥3
Dimensional stability at elevated temperature	17	Cumulative dimensional change	% long	≤ 0.55	<0.45
			% Cross	≤ 1.05	< 0.90
Resistance to immersion in boiling water	12	Appearance	Grade (min)		
			Gloss Finish	3	>3
Resistance to dry Heat at 180°C	16	Appearance	Grade (min)		
			Gloss Finish	3	>3
Resistance to Staining	26	Appearance	Rating		
			Group-1&2	≥5	5
Resistance to water vapor	14	Appearance	Grade (min)		
			Gloss Finish	3	>3
Light Fastness (Xenon arc)	27	Contrast	Gray Scale		
			Rating	4 to 5	>4
Resistance to cigarette burn	30	Appearance	Grade (min)	3	>3
Resistance to Cracking under stress	23	Appearance	Grade (min)	4	>4

Note: All our products comply to applicable standards, but results may differ based on the application and handling of the product. Please Refer <http://www.merinolaminates.com/warranties.aspx> for warranty clauses.