

Test Values of Metalam as per EN438-3 Thickness: 1 mm

Properties		Test Method as Per EN 438-2	Standard Result as Per EN 438-3	Test Result of MERINO
Design No.				99998
Finish				MATT
Thickness Tolerance		Clause No.5	±0.10	0.03
Length & Width Tolerance		Clause No.6	+ 10mm	+05mm
			-0mm	-0mm
Resistance to immersion in Boiling water Appearance (Grade not worse Than)	Gloss	Clause No.12	≥Rating-3	Rating-5
	Others		≥ Rating-4	
Resistance to Water Vapour Appearance (Grade not Worse than)	Gloss	Clause No.14	≥ Rating-3	Rating-5
	Others		≥ Rating-4	
Resistance to Dry Heat at 180 °C Appearance (Grade not worse Than)	Gloss	Clause No.16	≥ Rating -3	Rating-5
	Others		≥ Rating-4	
Dimensional Stability at elevated temp. (Max. %)	Machine Direction	Clause No.17	≤ 0.75%	0.62
	Cross Direction		≤ 1.25%	0.84
Resistance to Impact by Small –Diameter Ball		Clause No.20	≥ 15 N	20
Resistance to Cracking		Clause No.23	≥ Rating-4	Rating-5
Resistance to Staining (Grade not Worse than)	Group 1 & 2	Clause No.26	≥Rating-5	Rating-5
	Group 3		≥ Rating-4	Rating-5
Resistance to Cigarette Burns Appearance (Grade not Worse than)		Clause No.30	≥ Rating-3	Rating-4

Note: All our products comply to applicable standards, but results may differ based on the application and handling of the product. Metalam should be used in vertical application. If used in Horizontal application, it should be protected by glass. Please Refer <http://www.merinolaminates.com/warranties.aspx> for warranty clauses.