

Test Values of Laminature (Synchronized laminates) as per (EN438-3)
Thickness: 0.8 mm

Properties		Test Method as Per EN 438-2	Standard Result as Per EN 438-3	Test Result of MERINO
Design No./ Finish				14667/Synchro
Thickness Tolerance		Clause No.5	±0.10	0.03
Length & Width Tolerance		Clause No.6	+ 10mm	+05mm
			-0mm	-0mm
Resistance to Surface wear (Revolution Minimum)		Clause No.10	IP≥150	325
			FP	750
			Wear Value ≥350	537.5
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 oC 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	≤ 0.55%	0.41
	Cross Direction		≤ 1.05%	0.65
Resistance to Impact by Small –Diameter Ball		Clause No.20	≥ 20 N	40
Resistance to Cracking		Clause No.23	≥ Rating-4	Rating-5
Resistance to Scratching N (min)		Clause No.25	≥ Rating -3	Rating -3
Resistance to Staining (Grade not Worse than)	Group 1 & 2	Clause No.26	≥Rating-5	Rating-5
	Group 3		≥ Rating-4	Rating-4
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. Please Refer <http://www.merinolaminates.com/warranties.aspx> for warranty clauses.