

Technical Specifications

Anti-Finger/Nomark HPL

Parameter	Unit	Standard	Specified Values as per EN438	Crown Value
1. Thickness	MM	EN 438-2.5	0.9-2.0MM ± (0.1-0.15MM) 10mm ±.50 12mm ±0.60	Complies
2. Length	MM	EN 438-2.6	+ 10/-0	+ 10/-0
3. Width	MM	EN 438-2.6	+ 10/-0	+ 10/-0
4. Flatness	MM/m	EN 438-2.9	≤ 60	60
5. Straightness of edges	MM/m	EN 438-2.7	≤ 1.5	1.5
6. Resistance to Surface Abrasion	revolutions	EN 438-2	350	> 350
7. Resistance to impact with small diameter ball	Drop Height (mm)	EN 438-2.21	>20 N	>20 N
8. Resistance to Scratching	Appearance, Grade	EN 438-2.25	Rating 3 >2 N	Rating 3 >2 N
9. Dry heat Resistance	Appearance, Grade	EN 438-2.16	≥4	Complies
10. Density	(gm/cm ³)	ENISO 1183-1:2004	≥1.35	1.36gm/ cm ³
11. Resistance to surface in Boiling Water: Mass Increase Thickness Increase			12% (Max.) 14% (Max.)	< 8.0% < 9.0%
12. Dimensional Stability at deviated temp. Longitude Transverse			0.625% (Max.) 1.10% (Max.)	0.45% 0.75%

13. Resistance to Cracking			4	4
14. Resistance to Staining			Group 1 16 Hours Group 2 16 Hours Group 3 10 Min.	Group 1 Level 5 Group 2 Level 5 (1) Group 2 Level 2 (1) Group 2 Level 5 (2) Group 3 Level 5
15. Resistance to colour change – Xenon Arc light			6	6
16. Resistance to Cigarette burns			4	4
17. Resistance to Steam			4	5
18. Appearance				Complies

Other Properties

Anti-Finger/Nomark

Property	Test Method/Reference Standard	Classification
Nanoparticles	2011/696/EU	Nomark is not a nanomaterial and does not contain Nano materials
Contact with Food Stuff	Reg. EU 10/2011 - Reg. EU174/2015	Suitable for Application in areas in contact with food stuff
Antibacterial Activity	ISO 22196:2011 ("Measurement of antibacterial activity on plastics and other non-porous surfaces")	After 24 hours, the reduction of the bacteria inoculated on the decorative surface is >99.9%
Reaction to fire	EN 13501-1:2018	≥2.0mm - Cs1, d0 / 12mm - Bs1,d0