Noble Laminates (P) Ltd

EURO TOUCH LAMINATE

EuroTouch HPL Technical Parameters & Information Sheet

SUPERVISED AND REVISED IN INDIA UNDER SUPERVISION OF EUROTOUCH LAMINATE

EuroTouch HPL Technical Parameters & Information Sheet				
Specifications	Erurotouch HPL	Units	standard Range & Value	Testing Protocol
Geometric & Physical Properties				
Metrics				
Nominal Thickness	0.5 / 0.7 (± 0.10)	mm	-	-
Thickness tolerance	0.57 to 0.65	mm	± 0.10	EN 438-2-5
Denisty	1.38 to 1.40	gms/cm3	1.35 Min	EN ISO 1183-1
Straighness of edge	≤ 1.5	mm	≤ 1.5 deviatior	EN 438-2-7
squareness of edge	≤ 1.5	mm	≤ 1.5 deviatior	EN 438-2-8
Flatness	≤ 54	mm	≤ 60 deviatior	EN 438-2-9
Dimensional Srtabillity at high temperature				
- longitudinal	≤ 0.35	%	≤ 0.55 Max	EN 438-2-17
- Transverse	≤ 0.65	≤ 1.05 Max	≤ 0.55	
Resistance to Boiling Water	5	rating	4 Min	EN 438-2-12
Surface Characteristics				
Surface Defects				
- Spot Defects	≤ 1	mm2/m2	≤ 1	EN 438-2-4
- Linear Defects	≤ 10	≤ 10	≤ 10	mm/m2
Resistance to surface wear (initial point)	250	No. of resolutions	150 Min	EN 438-2-10
Resistance to Steam	4	Rating	4 Min	EN 438-2-14
Resistance to Wet Heat at 100°C	5	Rating (min.)	4min	EN 438-2 - 18
Dry heat resistance (160 Degree C	5	Rating	4 Min	EN 438-2-16
Scratch Resistant	3	N	2.0 Min	EN 438-2-25
Stain Resistant	5	Rating	5 Min	EN 438-2-26
Light fastness under artificial light, Grey Scal	5	Rating	4 min	EN 438-2-27
Gloss Units				
- Soft Touch	7	GU	<10	
- Otherr textures	>10		-	
Contact Angle				
- Soft Touch	95	°	>90	ISO 19403-1 | ISO 19403-5
- Otherr textures	88		<90	
Mechanical Specifications				
Resistance to Cracking	4	Rating	4 Min	EN 438-2-23
Impact Resistance				
- Small Diameter Ball	23	N	20 Min	EN 438-2-20
- Large Diameter Ball (drop height for ≤10mm imprint)	980	mm	≥ 800	EN 438-2-21
Minimum Bending Radius (Convex & Concave	18	cm	20	-
Combustion Performance & Flame Behavior				
Reaction to Fire	(FSI): 26–75	class	(FSI): ≤ 25	EN 13501-1
Thermal Conductivity	0.000669	cal/s·cm·°C	0.000573	EN 12524
Ecological and Human Health Considerations				
Antibacterial Efficacy & Activity				
- Reduction in 24 hours	%	upto 99.99	95.0 (Min)	ISO 22196:2011
- Activity after 24 hours	Log Reductior	Exceeds	2.0 (Min)	
Volatile Organic Compounds (VOC) Emissio	A	Class	A	ISO 16000-9
Formaldehyde Release	0.02	ppm	-	EN 16516:2017
TVOC	0.2	ppm	-	UL-2818:2013
Total Aldehydes	25	µg/m³	>30	UL-2818:2013
Product sanitization/hygiene	A	Rating	A	NSF/ANSI 35
Transfer of constituents to Food during contact	3% Acetic Acid (1%) 95% Ethanol Iso-Octane lees than 0.1	-	-	EN 1186-1:2002 EN 1186-3:2002 EN 1186-14:2002
Antiviral Efficacy	95 100	% Reduction in 2 hrs % Reduction in 24 hrs	95.0 (Min)	ISO 21702-2019
Antifungal Efficacy	No Growth	Growth after 28 days	1	ASTM G-21-2015



5 Years Manufacturing defects warranty for indoor use

Presented from euro touch India in 2th ,Febrary 2025 via our labs and test specialists
During 2025

GUJARAT TEST HOUSE

NOBLE LAMINATES PVT. LTD. AHMEDABAD

Authorised signatory
Name : A.N.Barua (CEO)

Head of laboratory

Scanned with CamScanner