

TECHNICAL INFORMATIONS

NO	FEATURE	VALUE	RESULT	STANDARD
1	Gloss level (60° angle)	Gloss	99 GU	TS EN 14323
2	Scratch resistance	N	3,0 Newton (Class 4B)	DIN 68861 part 4
3	Assessment of surface resistance to wet heat (100°C)	Class	5 (No change)	EN 12721:09
4	Assessment of surface resistance to dry heat (140°C)	Class	5 (No change)	EN 12722:09
5	Surface abrasion resistance	-	4500 rev. (Class 4)	EN 14323 cls. 5.9
6	Behavior towards impact loading by falling steel ball	mm	No cracking	EN 14323 cls. 5.14
7	Test of water steam resistance	Class	5 (No change)	EN 14323 cls. 5.11
8	Test of water steam resistance	Class	5 (No change)	EN 14323 cls. 5.6
9	Assessment of surface resistance to chemical cold liquids (Acetic acid, acetone, ammonia solution, citric acid, cleaning agent, etc.)	Class	5 (No change)	TS EN 12720:2900+A1
10	Colorfastness to light	Grey Scala	4 / 5. Grade	EN 15187
11	Bending strength (*)	N / mm ²	32 N / mm ²	EN 310
12	Modulus of elasticity in bending (*)	N / mm ²	4441 N / mm ²	EN 310
13	Surface soundness (tensile strength) (*)	Mpa	1,36 N / mm ²	EN 311
14	Tensile strength vertical to the surface (*)	N / mm ²	0,54 N / mm ²	EN 319
15	Thickness tolerance	mm	± 0,3 mm	TS EN 324-1
16	Bow tolerance	-	3,5 mm / m	Gizir
17	Cold check (40 cycles, 1 h 60°C, 15 min. room temp., 1 h -30°C, 15 min. room temp.)	-	No Damage	TSE
18	Antimicrobial Products – Test for Antimicrobial Activity and Efficacy	-	E.coli / Sa.aureus ≥2	JIS Z 2801
19	Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi	-	0 growth at 7, 14, 21 and 28 days (suitable)	ASTM G21
20	Width and Length tolerance	mm / m	± 5 mm	TS EN 324-1
21	Formaldehyde Potential	mg / 100g	≤ 30,0	EN 120 EN 622-1

(*) These values are weighted average of the test results.



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