

TECHNICAL INFORMATIONS

NO	FEATURE	VALUE	RESULT	STANDARD
1	Gloss level (60° angle)	Gloss	5 GU	5 EN 14323GU
2	Scratch resistance	H	H - 2H	TS 7385
3	Assessment of surface resistance to wet heat (85°C)	Class	5 (No change) 5	EN 12721+A1:2014:02
4	Assessment of surface resistance to dry heat (70°C)	Class	5 (No change)	EN 12722+A1:2014:02
5	Surface abrasion resistance	Class	2A	DIN 68861-2
6	Behavior towards impact loading by falling steel ball	mm	No cracking	EN 14323:2021-12 6.13
7	Test of water steam resistance	Class	5 (No change) 5	EN 14323:2021-12 6.10
8	Resistance to staining	Class	5 (No change)	EN 14323 6.6
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 12720:2009+A1
10	UV Resistance	Grey Scala / Blue Wool Scale	5. Grade	ISO 4892-2
11	Bending strength (*)	N / mm ²	46,2 N / mm ²	EN 310
12	Modulus of elasticity in bending (*)	N / mm ²	4145 N / mm ²	EN 310
13	Surface soundness (tensile strength) (*)	Mpa	1 N / mm ²	EN 311
14	Tensile strength vertical to the surface (*)	N / mm ²	0,50 N / mm ²	EN 319
15	Thickness tolerance	mm	± 0,30 mm	TS EN 324-1
16	Bow tolerance	-	3,5 mm / m	Gizir
17	Width and Length tolerance	mm / m	± 5 mm	TS EN 324-1
18	Antimicrobial Products – Test for Antimicrobial Activity and Efficacy	-	E.coli / Sa.aureus ≥2 - (suitable)	JIS Z 2801

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



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