

Technical Specification

Code: VA.139 Gloss



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Physical & Chemical Properties	Norm/Test Method	Required Standard	Results
Thickness	ISO 10545-2	± 0.3%, ± 10%	± 0.2%
Straightness of Edges	ISO 10545-2	± 0.3%	± 0.4%
Squareness	ISO 10545-2	± 0.5%	± 0.4%
Flatness	ISO 10545-2	± 0.5% - 0.3%	± 0.4%
Surface Qualities	ISO 10545-2	Min 95%	<95%
Water Absorption	ISO 10545-3	0.5% < E ≤ 3%	≤ 1%
Breaking load in N	ISO 10545-4	700 min	> 1800
Bending Strength in N/mm ²	ISO 10545-4	12 min	> 50 N/mm ²
Abrasion Resistance	ISO 10545-7	-	On request
Coefficient of Linear Thermal Expansion	ISO 10545-8	-	< 5 10 ⁻⁶ /°C
Thermal Shock Resistance	ISO 10545-9	-	Guaranteed
Moisture Expansion	ISO 10545-10	-	< 0.04%
Crazing Resistance	ISO 10545-11	-	Guaranteed
Coefficient of Friction	BCRA	> 0.40%	-
Stain Resistance	ISO 10545-14	GB min	3 min
Household Chemical Resistance	ISO 10545-13	-	GB min
Acid & Alkali Resistance (diluted/concentrated)	ISO 10545-13	-	GLB min
Lead and Cadmium Release	ISO 10545-15	-	On request
Fire Resistance	-	Decisione 96/603/CE	Class A1

Certifications



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