

EVALUATED FEATURE	TEST METHOD	NORM ANSI A137.1 REQUIREMENTS (Table 10)	RESULTS	CONCLUSION
DIMENSIONS				
* Nominal Size, mm			(%) (mm)	
Nominal length: 610.0 mm	ASTM C499	± 3.00%	0.00 0.00	Comply
Manufacturing length: 610.0 mm				
Nominal width: 300.0 mm				
Manufacturing width: 303.0 mm				
* Caliber Range				
Manufacturing length: 610.0 mm	ASTM C499	± 0.50%; ± 2.00mm	-0.02 -0.12	Comply
Average length: 609.9 mm				
Manufacturing width: 303.0 mm				
Average width: 303.1 mm				
* Warpage Edge, %	ASTM C485	± 0.50%; ± 1.80mm	0.10 0.00 0.60 0.00	Comply
* Warpage Diagonal, %	ASTM C485	± 0.50%; ± 1.80mm	0.05 -0.03 0.33 -0.22	Comply
* Wedging, %	ASTM C502	± 0.50%; ± 2.00mm	0.06 -0.02 0.42 -0.11	Comply
* Thickness, mm				
Manufacturing: 9.0 mm	ASTM C499	Max. 1.02 mm	-2.22 -0.20	Comply
Average result: 8.8 mm				
PHYSICAL PROPERTIES				
* Visible Abrasion Resistance	ASTM C1027	As reported	PEI IV	-
* Water Absorption, %	ASTM C373	Impervious Porcelain (P1) wa ≤ 0.5%	0.40	Comply
* Crazeing Resistance	ASTM C424	Pass	Approved	Comply
* Breaking Strength, lbf	ASTM C648	Average ≥ 275 Individual ≥ 250	465 441	Comply Comply
* Dynamic coefficient of friction - DCOF Wet	ANSI A137.1 Section 9.6	≥ 0.42	0.45	Comply
CHEMICAL PROPERTIES				
* Chemical Resistance	ASTM C650	As reported	Resistant	Comply
* Stain Resistance	ASTM C1378	As reported	Resistant	Comply
<p>Requirements verified as indicated in AMERICAN STANDARD, ANSI A137.1. AMERICAN NATIONAL STANDARD SPECIFICATIONS FOR CERAMIC TILE / Table 10: Porcelain Tile The weight, the tone and the dimensions are subject to some of the typical unavoidable variations of the processes of ceramic cooking.</p>				
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