

TEST RESULTS – COMPARISON

No.	Test Item	Test Requested (method)	Result(s)	Comments	Result(s)	Comments
			Quantum Quartz		Quantum Zero	
1a	Water Absorption	EN14617-1:2013	0.01%		0.05%	
1b	Apparent Density		2340kg/m ³		2155kg/m ³	
2	Flexural Strength	EN14617-2:2016	42.2MPa	Classification:F ₄	99.0MPa	Classification:F ₄
3	Impact Resistance	EN14617-9:2005	11.22J		16.47J	
4	Chemical Resistance	EN14617-10:2012	rating:C ₄		rating:C ₄	
5	Linear Thermal Expansion coefficient	EN14617-11:2005	23.5x10 ⁻⁶ /°C		22.6x10 ⁻⁶ /°C	
6	Dimensional Stability	EN14617-12:2012	Vertical displacement 0.06mm	Class:A	Vertical displacement 0.02mm	Class:A

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