



FORUM
QUARTZ

TECHNICAL INFORMATION

2025



Physical Properties

Test Performed	Standart	Test Result
Water absorption	EN 14617-1	< 0.05 % (w4)
Density	EN 14617-1	2.35 gr/cm ³ ± 0.1

Durability

Test Performed	Standart	Test Result
Flexural strength	EN 14617-2	40-80 MPa (F4)
Abrasion resistance	EN 14617-4	28 mm (A4)
Impact resistance	EN 14617-9	> 3.4 Joule (20 mm thickness)
Freeze/Thaw resistance	EN 14617-5	KM ₂₅ = MAX %1 No damage
Mohs hardness scale		6-7

Chemical Properties

Test Performed	Standart	Test Result
Chemical resistance	EN 14617-10	C4

Thermal Properties

Test Performed	Standart	Test Result
Thermal expansion coefficient	EN 14617-11	19.5 · 10 ⁻⁶ /K
Thermal shock resistance	EN 14617-6	R _{f,20} =MAX %0.5 No damage