

TECHNICAL DATA

Nacera® Pearl Q³ Multi-Shade

Type: Ultra High Translucent

PHYSICAL PROPERTIES

NORM	PROPERTY	TYPICAL VALUES	DIMENSIONS //METHODS
6872	Bending strength	600	[MPa]
6872	Radioactivity	< 5.1	[Bq/kg]
6872	CTE	9.8*10 ⁻⁶	[K ⁻¹]
6872	Chem. Solubility	< 13	[µg/cm ²]
13356	Density	6.02	[g/cm ³]
13356	Microstructure	0.64	[µm]
13356	Hardness	1410	HV 0.5

CHEMICAL COMPOSITION

ZrO ₂ / HfO ₂ / Y ₂ O ₃ (%)	Al ₂ O ₃ (%)	OTHER OXIDE (%)
99,6 (Y ₂ O ₃ : 9,6% / HfO ₂ : 1,8% / ZrO ₂ 88,6%)	< 0,1	< 0,9

COLOR MANAGEMENT

TYPE	VITA® SHADE
Pearl Q ³ Multi-Shade A light	A1 – A2
Pearl Q ³ Multi-Shade A dark	A3 – A3,5
Pearl Q ³ Multi-Shade B light	B1 – B2
Pearl Q ³ Multi-Shade B dark	B3 – B4
Pearl Q ³ Multi-Shade C light	C1 – C2

For positioning of the restoration inside the blanks use color guide: www.nacera.de/en

These properties were measured on test samples. The values are typical material properties and may vary according to product configuration, geometry and manufacturing process.

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