

TECHNICAL CHARACTERISTICS

CHARACTERISTICS	TEST METHOD	UNIT OF MEASUREMENT	BASIX QUARTZ SURFACE (RANGE OF VALUES)
Density	ASTM C 97	Kg/M <sup>3</sup> LBS/FT <sup>3</sup>	2200 - 2500 137 - 156
Flexural Strength (Modules of rupture)	ASTM C 99	PSI	5584 - 7324
Water Absorption	ASTM C 97	%	0.02
Compressive Strength	ASTM C 170	PSI	28,848 - 30,995
Coefficient of Thermal Expansion	EN 103	20-70oC AT (10o/C)	239 - 341
Hardness	EN 101	Moh's Scale	6 - 7
Resistance to Deep Abrasion	ASTM C 241	Index	48.5 - 49
Slip Resistance	DIN 51130	Honed 400 Polished	R9 - R10
Resistance to Chemical Acids	ASTM C 560		Not Affected
Suitability for use in Kitchen Bench Tops	EMPFEHLUNG XII BGVV		Suitable
Flame Spread Index	ASTM E84:09c		5*
Smoke Developed Index	ASTM E84:09c		50*

Note: The values quoted above for Basix<sup>®</sup> Quartz Surface are the average range of values.

\* Test results based on 2cm thickness.