

## Technical Data Sheet.

TEST PERFORMED	TEST STANDARDS	TEST RESULTS
Crystalline Silica	-	85-94%
Absorption	EN-14617-1	<0.03%
Bulk Density	EN- 14617-1	2.15-2.46 g/cm <sup>3</sup>
Flexural Strength	EN-14617-2	31-75 N/mm <sup>2</sup>
Impact Strength	EN-14617-9	3.4 - 7.35 Joules
Thermal Expansion	EN-14617-11	16*10 <sup>-6</sup> - 20.8 * 10 <sup>-6</sup>
Abrasion Resistance	EN-14617-4	23.64-27.5mm
Freeze-Thaw Resistance	EN-14617-5	0.999
Mohs Hardness	EN - 101	6.5-7.5
Slip Resistance	ASTM C 1028-07	Coefficient of friction > 0.5*
Stain Resistance	ASTM C 1378-04	Not Affected
Wear and Cleanability	ASTM Z124 6.5.3	Pass
Cigarette Test	ASTM Z124 6.5.4	Pass
Surface Burning	ASTM E-84	Class A
Chemical Resistance	EN-14617-10	Class C4
Static Coefficient of Friction	ASTM C1028-07	Dry average- 0.68*
		Wet average- 0.5*
Flame Spread	ASTM E-84	FSI<10 for 3 cm and <15 for 2 cm

NOTE: These results are indicative only. The values quoted above are average for different Quartz surfaces products of 20 mm thickness. The test results may vary depending on the thickness, colours, special additives and also the batches of the products and based on grain size of the quartz.