FAB

Technical specifications



Material: Quartz Thickness: 2 cm

S.No	Test Parameters	Tests Results	Test Method
A. MECHANICAL TESTING			
1.	Water Absorption, % by mass	0.04	ASTM C 97
2.	Apparent Density, g/cm ^{3}	2.406	ASTM C 97
3.	Moh's Hardness	7	ASTM C 1895
4.	Flexural Strength, MPa	-	ASTM C 880
	Dry Condition	66.2	
	Wet Condition	78.5	
5.	Co-efficient of Linear Thermal Expansion,°C^{-1}	4.8 X 10 $^{-6}$	ASTM C 372
6.	Abrasion Resistance, H_a	31.1	ASTM C 241
B. CHEMICAL TESTING			
7.	Resistance to Staining	Not Affected	ASTM C 1378

Material: Quartz Thickness: 3 cm

S.No	Test Parameters	Tests Results	Test Method
A. MECHANICAL TESTING			
1.	Water Absorption, % by mass	0.03	ASTM C 97
2.	Apparent Density, g/cm ^{3}	2.145	ASTM C 97
3.	Moh's Hardness	7	ASTM C 1895
4.	Flexural Strength, MPa	-	ASTM C 880
	Dry Condition	67.3	
	Wet Condition	91.1	
5.	Co-efficient of Linear Thermal Expansion,°C^{-1}	4.8 X 10 $^{-6}$	ASTM C 372
6.	Abrasion Resistance, H_a	29.4	ASTM C 241
B. CHEMICAL TESTING			
7.	Resistance to Staining	Not Affected	ASTM C 1378