

# Technical Data Sheet



# Technical Specifications

S.No	Parameters	Units	Results	Test Method
	<b>Discipline:</b> Mechanical			
	<b>Group:</b> Building Material			
1	Apparent Density	kg/m <sup>3</sup>	<b>1) 2321 2) 2319 3) 2317 4) 2315 5) 2319</b> <b>Average: 2318</b>	ASTM C97-18
2	Water Absorption	%	<b>1) 0.023 2) 0.018 3) 0.012 4) 0.024 5) 0.023</b> <b>Average: 0.02</b>	ASTM C97-18
3	Flexural Strength– Dry Condition (Parallel to Rift)	MPa	<b>1) 85.10 2) 84.86 3) 69.22 4) 79.41 5) 68.14</b> <b>Average: 77.35</b>	ASTM C880-18
4	Flexural Strength– Dry Condition (Perpendicular to Rift)	MPa	<b>1) 71.76 2) 74.22 3) 76.36 4) 72.55 5) 71.93</b> <b>Average: 73.46</b>	ASTM C880-18
5	Flexural Strength – Wet Condition (Parallel to Rift)	MPa	<b>1) 77.68 2) 78.43 3) 71.79 4) 77.89 5) 69.66</b> <b>Average: 75.09</b>	ASTM C880-18
6	Flexural Strength – Wet Condition (Perpendicular to Rift)	MPa	<b>1) 76.69 2) 82.22 3) 70.88 4) 72.17 5) 73.63</b> <b>Average: 75.12</b>	ASTM C880-18