

Index	Unit	Standard	Measurement
Rupture strength	MPa	GB/T3810.4-1999	26.6
Moisture absorption	%	GB/T3810.3-1999	6.5
Volume density	g/cm ³	GB/T3810.3-1999	2.21
Freezing resistance		GB/T3810.12-1999	The sample is immersed in water at -5°C ten times, each lasting 15 minutes. No damage like rupture or peeling is found.
Linear coefficient of thermal expansion	10 ⁻⁶ 1/°C	GB/T3810.8-1999	7.2
Moisture expansion coefficient	mm/m	GB/T3810.10-1999	0.21
Resistance to thermal shock		GB/T3810.11-1999	No thermal shock is found two hours after the sample suffers the pressure of 0.5MPa.
Stain resistance		GB/T3810.14-1999	Chrome green, Grade 4; iodine, Grade 5; olive oil, Grade 4
Chemical resistance		GB/T3810.13-1999	Grade A
Internal exposure index		GB6566-2001	Pass. (Limit: I _{Ra} ≤1.0)
External exposure index		GB6566-2001	Pass. (Limit: I _r ≤1.3)
Pull test			Speed: 5mm/min, strength: 150N, no damage Speed: 5mm/min, strength: 1500N, no damage