

CHARACTERISTIC		REQUIREMENT EN - 159 / IS 13753	MEGA TILE VALUE
DIMENSION & SURFACE QUALITY			
1	Dimension	±0.5%	±0.2%
2	Deviation in thickness	±0.6 mm	±0.2 mm
3	Straightness of sides	±0.3%	±0.2%
4	Rectangularity	±0.5%	±0.3%
5	Surface flatness	±0.5%	±0.3%
6	Surface quality	Min. 95%	Min. 95%
PHYSICAL PROPETRIES			
1	Water absorption	> 10%	Ave. 10-20%
2	Banding strength	> 150 kg/cm ²	150 kg/cm ²
3	Scratch hardness (mohs)	Min. 3	Min. 3
4	Crazing	1 Cycle	No Crazing at 4 Cycles
CHEMICAL PROPERTIES			
1	Staining resistance	Min. Class 2	Resistance to all Acids
2	Household chemical	Min. Class B	And Alkalies & Household
			Chemicals, except
			Hydro Fluoric Acid

CHARACTERISTIC		REQUIREMENT EN – 159 / IS 13753	MEGA TILE VALUE
THERMAL PROPERTIES			
1	Thermal shock	Resistant to 10 Cycles	CONFORMS
2	Thermal expansion	Max. $9E^{-06}$	CONFORMS