

600x1200mm | GVT TECHNICAL DETAILS



CHARACTERISTIC	STANDARD AS PER ISO-13006/EN14411 GROUP BIa	MEAN VALUE OF VOYATI	TEST METHOD
REGULATORY PROPERTIES			
Deviation In Length & Width	± 0.50%	± 0.10%	ISO-10545-2
Deviation In Thickness	± 5.00%	± 4.00%	ISO-10545-2
Straightness Of Sides	± 0.50%	± 0.10%	ISO-10545-2
Rectangularity	± 0.50%	± 0.10%	ISO-10545-2
Surface Flatness	± 0.50%	± 0.20%	ISO-10545-2
Color Differences	Unaltered	No Change	ISO-10545-16
Glossiness	As per Mfg.	Min. 90%	GLOSSOMETER
STRUCTURAL PROPERTIES			
Water Absorption	< 0.50%	< 0.05%	ISO-10545-3
Apparent Density	> 2.00 g/cc	> 2.10 g/cc	DIN 51082
MASSIVE MECHANICAL PROPERTIES			
Modulus of Rupture	Min. 35N/mm ²	Min. 40N/mm ²	ISO-10545-4
Breaking Strength	Min. 1300 N	Min. 2000 N	ISO-10545-4
Impact Resistance	As Per Mfg.	Min. 0.55	ISO-10545-5
SURFACE MECHANICAL PROPERTIES			
Surface Abrasion Resistance	As Per Mfg.	Min. Class-3	ISO-10545-7
Moh's Hardness	As Per Mfg.	Min. 4	EN 101
THERMO HYDROMETRIC PROPERTIES			
Frost Resistance	No Damage	No Damage	ISO-10545-12
Thermal Shock Resistance	No Damage	No Damage	ISO-10545-9
Moisture Expansion	Nil	Nil	ISO-10545-10
Thermal Expansion(COE)	Max 9.0x10 ⁻⁶	Max 6.5x10 ⁻⁶	ISO-10545-8
Crazing Resistance	As Per Mfg.	Min. 10 Cycle	ISO-10545-11
CHEMICAL PROPERTIES			
Chemical Resistance	No Damage	No Damage	ISO-10545-13
Stain Resistance	Resistant	Resistant	ISO-10545-14
SAFETY PROPERTIES			
Slip Resistance	>0.40	>0.40	ISO-10545-17
Fire Resistance	As Per Mfg.	Fireproof	N. A.
Lead & Cadmium given off by glazed tiles	As Per Mfg.	Does not yield Pb & Cd	ISO-10545-15



PACKING DETAIL

Size	Pcs. / Box	Coverage Area / Box	Weight / Box
600x1200mm	2	1.44 sq. mtr.	31.00 kg.