










TECHNICAL SEPCIFICATIONS

| | DESCRIPTION | STANDARD OF TEST | ISO STANDARD REQUIREMENT | NANOGRESS STANDARD |
|---|---|------------------|--|---|
|  | SIZES | ISO 10545.2 | LENGTH AND WIDTH $\pm 0,6\%$ THICKNESS $\pm 5\%$ EDGE CURVATURE $\pm 0,5\%$ CENTER CURVATURE $\pm 0,6\%$ WARPAGE $\pm 0,5\%$ | $\pm 0,2\%$ $\pm 2\%$ $\pm 0,2\%$ $\pm 0,2\%$ $\pm 0,2\%$ |
|  | WATER ABSORPITON | ISO 10545.3 | $E \leq 0,5\%$ | 0,05% |
|  | STRENGTH | ISO 10545.4 | MODULS OF RUPTURE $R \geq 35/\text{MM}^2$ BREAKING STRENGTH $S \geq 1300\text{N}$ | $55\text{N}/\text{MM}^2$ $>1700\text{N}$ |
|  | SURFACE ABRASION | ISO 10545.7 | ACCORDING TO MANUFACTURER'S DATA | MIN PEI 3 |
|  | COEFFICIENT OF LINEAR THERMAL EXPANSION | ISO 10545.8 | TEST METHOD AVAILABLE | $6.5 \times 10^{-1} \text{C}^{-1}$ |
|  | RESISITANCE TO THERMAL SHOCK | ISO 10545.9 | TEST METHOD AVAILABLE | GUARANTEED |
|  | FROST RESISTANCE | ISO 10545.12 | REQUIRED | REQUIRED |
|  | CHEMICAL RESISTANCE | ISO 10545.13 | MANUF.TO STATE | MANF.TO STATE |
|  | STAIN RESISTANCE | ISO 10545.14 | CLASS 3 MIN | CLASS 3 MIN |