

## FICHA TECNICA LITHOTECH / TECHNICAL DATA SHEET LITHOTECH

Referencia/Reference: **KENDO CLASSIC HONED**

Formato/Size: 1600x3200 mm

Espesor/Thickness: 12 mm

| TECHNICAL CHARACTERISTICS / CARACTERISTICAS TECNICAS         |                                                                                                                                               | NORMA STANDARD<br>REFERENCE STANDARD | VALOR MEDIO OBTENIDO<br>MEAN VALUE                     |
|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------------------------|
| Características dimensionales<br>Dimensional Characteristics | Dimensiones – Longitud y anchura*<br>Dimensions - Length and width*                                                                           | ISO 10545-2                          | ±2,0mm                                                 |
|                                                              | Espesor / Thickness                                                                                                                           |                                      | ± 0,5 mm                                               |
|                                                              | Tolerancia Planaridad anchura placa<br>Flatness Tolerance Width Slab                                                                          |                                      | ±2,0mm                                                 |
|                                                              | Tolerancia Planaridad longitud placa<br>Flatness Tolerance Length Slab                                                                        |                                      | ±4,0mm                                                 |
| Características físicas<br>Physical characteristics          | Absorción de agua<br>Water absorption                                                                                                         | ISO 10545-3                          | 0.1%                                                   |
|                                                              | Resistencia a la flexión<br>Bending strength                                                                                                  | ISO 10545-4                          | > 50 N/mm <sup>2</sup>                                 |
|                                                              | Fuerza de rotura<br>Breaking strength                                                                                                         |                                      | > 4500 N                                               |
|                                                              | Coefficiente de resistencia al impacto<br>Resistance to impacts                                                                               | ISO 10545-5                          | ≥ 0.80 sin efectos visibles<br>without visible defects |
|                                                              | Resistencia a la abrasión superficial<br>Resistance to superficial abrasion                                                                   | ISO 10545-7                          | PEI 3                                                  |
|                                                              | Dilatación térmica lineal<br>Linear thermal expansion                                                                                         | ISO 10545-8                          | ≤ 7 x 10 <sup>-6</sup> °C <sup>-1</sup>                |
|                                                              | Resistencia al choque térmico<br>Thermal shock resistance                                                                                     | ISO 10545-9                          | Resiste<br>Resistant                                   |
|                                                              | Resistencia a la helada<br>Frost resistance                                                                                                   | ISO 10545-12                         | Resiste<br>Resistant                                   |
|                                                              | Dureza superficial (Escala MOHS)<br>Surface Hardness (MOHS)                                                                                   | UNE 67 -101 (EN 101)                 | 5 degree MOHS                                          |
| Características Químicas<br>Chemical characteristics         | Resistencia a productos domésticos de limpieza y aditivos de piscina<br>Resistance to household cleaning products and swimming pool additives | ISO 10545-13                         | GA                                                     |
|                                                              | Resistencia ácidos y bases baja concentración<br>Resistance low concentrations of acids and alkalis                                           | ISO 10545-13                         | GLA                                                    |
|                                                              | Resistencia ácidos y bases alta concentración<br>Resistance high concentrations of acids and alkalis                                          | ISO 10545-13                         | GHA                                                    |
|                                                              | Resistencia a las manchas<br>Resistance to staining                                                                                           | ISO 10545-14                         | Class 5                                                |
| Cesión de Plomo y Cadmio<br>Lead and Cadmium Release         | Concentración Plomo / Lead Concentration                                                                                                      | ISO 10545-15                         | <0,01 mg/dm <sup>2</sup>                               |
|                                                              | Concentración Cadmio / Cadmium Concentration                                                                                                  |                                      | <0,001 mg/dm <sup>2</sup>                              |
| Solidez a la Luz /<br>UV Resistance                          | Cambio Cromático / Color Change                                                                                                               | DIN 51094                            | Sin Cambio / No Changed                                |

\* Solo tablas rectificadas / Only slab rectified

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|------------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------------|------------------------------------|
| Características físicas<br>Physical characteristics  | Expansión por humedad / Moisture Expansion                                  | ASTM C370                            | <0.1%                              |
|                                                      | Absorción de agua<br>Water absorption                                       | ASTM C373                            | 0.1%                               |
|                                                      | Resistencia a la rotura / Breaking Strength                                 | ASTM C648                            | 1290 lbf<br>5734 N                 |
|                                                      | Resistencia al choque térmico<br>Thermal shock resistance                   | ASTM C484                            | Resiste<br>Resistant               |
|                                                      | Resistencia a la helada<br>Frost resistance                                 | ASTM C1026                           | Resiste<br>Resistant               |
|                                                      | Resistencia a la abrasión superficial<br>Resistance to superficial abrasion | ASTM C1027                           | Clase 3                            |
| Características Químicas<br>Chemical characteristics | Resistencia química / Chemical Resistance                                   | ASTM C650                            | No atacada<br>Not affected         |
|                                                      | Resistencia Manchas / Stain Resistance                                      | ASTM C1378                           | No atacada<br>Not affected         |