

PENTALTEK®

TECHNICAL CHARACTERISTICS

PORCELAIN STONEWARE - CLASS UNI 14411 - Bla GL

| FEATURES | UNIT OF MESUREMENT | MEAN VALUE | REQUIRED STANDARDS | TEST METHOD |
|------------------------------------------------|--------------------|------------|-------------------------------------------------|---------------------|
| DIMENSIONS - LENGHT AND WIDTH | % | ACCORDING | +/- 0,6 MAX | UNI EN ISO 10545-2 |
| SIDES STRAIGHTNESS | % | ACCORDING | +/- 0,5 MAX | UNI EN ISO 10545-2 |
| SIDES ORTOGONALITY | % | ACCORDING | +/- 0,6 MAX | UNI EN ISO 10545-2 |
| FLATNESS | % | ACCORDING | +/- 0,5 MAX | UNI EN ISO 10545-2 |
| THICKNESS | % | ACCORDING | +/- 5 MAX FROM DECLARED VALUE | UNI EN ISO 10545-2 |
| WATER ABSORPTION | % | ACCORDING | ≤ 0,5 | UNI EN ISO 10545-3 |
| BREAKING STRENGHT | N | ACCORDING | ≥ 700 SE SPESS. < 7,5 ≥ 1300 SE SPESS. ≥ 7,5 | UNI EN ISO 10545-4 |
| BREAKING MODULUS | N/ mm ² | ACCORDING | ≥ 35 | UNI EN ISO 10545-4 |
| COEFFICIENT OF LINEAR THERMAIL - EXPANSION | °MK [- 1] | ≈7,00 | DECLARED VALUE | UNI EN ISO 10545-8 |
| RESISTANCE TO THERMAL SHOCK | | RESISTS | PASS ACC. TO 10545-1 | UNI EN ISO 10545-9 |
| CHEMICAL RESISTANCE | | ACCORDING | MINGB | UNI EN ISO 10545-13 |
| RESISTANCE TO ACID AND LOW CONCENTRATION BASES | | ULA | METHOD AVAILABLE | UNI EN ISO 10545-13 |
| FROST RESISTANCE | | RESIST | PASS ACC. TO 10545-1 | UNI EN ISO 10545-12 |
| STAIN RESISTANCE | | ACCORDING | MINIMUM CLASS 3 | UNI EN ISO 10545-14 |
| SURFACE HARDNESS | | 5-8 | ≥ 5 | [EN 101] |