



11190 NW 25th Street, Suite 100  
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**Model/ Series:** LM IRON PO  
**Size:** All Sizes  
**Colors:** All Colors Available  
**Type:** GLAZED POLISHED PORCELAIN  
**Application:** INDOOR  
**Thickness:** 7 mm  
**Number of faces:** 5  
**Recycled Content:** 9% \*Pre-Consumer

**Technical Data**

|  | ASTM Test   | ISO Test     | Value Required ANSI  | Declared ASTM |
|--|-------------|--------------|----------------------|---------------|
| Water Absorption                       | C373        | ISO-10545/3  | <=0.5%               | <=0.5%        |
| Break Strength                         | C648        | ISO-10545/4  | >= 250               | Min. 200      |
| Scratch Hardness                       | MOH's Scale | EN-101       | -                    | 3             |
| Chemical Resistance                    | C650        | ISO-10545/13 | Unaffected           | Unaffected    |
| Frost Resistance                       | C1026       | ISO-10545/12 | Resistant            | Resistant     |
| Group                                  | SEE FAQS    | SEE FAQS     | -                    | 3             |
| Deep Abrasion - Unglazed Tiles         | C1243       | ISO-10545/6  | <175 mm <sup>3</sup> | -             |
| PEI - Glazed Tiles***                  | C1027       | ISO-10545/7  | -                    | 3             |
| Minimum Bond Strength (PSI)            | C482        |              | >=50 psi             | 165           |
| Dynamic Coefficient of Friction (DCOF) | A137.1      | -            | >=0.42               | <0.40         |
| Shade and Texture Rating               | CTDA "V"    | -            | -                    | V3            |
| Facial Dimensions                      | C499        | ISO-10545/2  | 1.5% Max             | Pass          |
| Range of Thickness                     | C499        | ISO-10545/2  | 0.040 Max            | Pass          |
| Warping                                | C485        | ISO-10545/2  | 0.75%                | Pass          |
| Wedging                                | C502        | ISO-10545/2  | 1.0% Max             | Pass          |

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**Signature:**  
 Quality Management Manager



**Release Date** 3/23/2020