



PMC® 1000

Description PMC® 1000 is a monolithic sheet of impact-modified high gloss acrylic. This product offers a high gloss finish with the outdoor weather resistance that acrylic is known for.

Applications Sanitary ware, pool steps, spa components, outdoor panels

| PROPERTY | TYPICAL VALUE ¹ | UNITS | TEST METHOD |
|---|---|----------------------|-------------|
| Specific Gravity | 1.16 | | ISO 1183 |
| Gloss, 60° (smooth, post-formed, male tooling) | 80 - 100 | % | ASTM 523 |
| Shrink Rate | 0.2 - 0.8 | % | ISO 294-4 |
| Flexural Modulus | 262,000 1,827 | psi MPa | ASTM D790 |
| Tensile Strength at Yield | 6,005 41.4 | psi MPa | ASTM D638 |
| Notched Izod Impact @ 73°F (23°C) | 1.1 | ft*lb/in | ASTM D256 |
| HDT at 66 psi (0.45 MPa) at 264 psi (1.45 MPa) | 192 (89) 176 (80) | °F (°C) | ASTM D648 |
| CLTE (-30°C to 30°C) | 6.7 x 10 ⁻⁵ 12.0 x 10 ⁻⁵ | in/in/°F mm/mm/°C | ISO 11359 |

NOTE: Data values are typical properties and are not to be construed as specifications. Users should confirm results by their own tests and evaluation methods. SIMONA PMC makes no warranties, expressed or implied, concerning the suitability of use. No freedom from infringement of any patent of others is to be inferred. SIMONA PMC reserves the right to make additions, deletions, or modifications to this information at any time without prior notification. Rev. 06.20

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