



PMC[®] 300

Description PMC[®] 300 is a high impact, high stiffness monolithic ABS sheet, offering a great balance of rigidity and durability in an easy-to-process product.

Applications Interior components, shrouds, housings & claddings.

PROPERTY	TYPICAL VALUE ¹	UNITS	TEST METHOD
Hardness	77	Shore D	ASTM D2240
Specific Gravity	1.05		ISO 1183
Gloss, 60° (textured*, post-formed, male tooling)	5 - 12	%	ASTM 523
Shrink Rate	0.4 – 0.6	%	ISO 294-4
Flexural Modulus	368,000 2,537	psi MPa	ASTM D790
Tensile Strength at Yield	6,250 43	psi MPa	ASTM D638
Notched Izod Impact at 73°F (23°C) at 0°F (-18°C)	8.0 2.8	ft*lb/in	ASTM D256
HDT at 66 psi (0.45 MPa) at 264 psi (1.45 MPa)	203 (95) 180 (82)	°F (°C)	ASTM D648
CLTE (-30°C to 80°C)	4.8 x 10 ⁻⁵ 8.6 x 10 ⁻⁵	in/in/°F mm/mm/°C	ISO 11359
Burn Rate	40	mm/min	FMVSS302

* Textured gloss noted. Non-textured (smooth) use of this product not recommended. Color & Texture can affect post-formed gloss rating. Property values tested on monolithic extruded sheet, 0.180 in. (4.6 mm) thick, 30% regrind used.

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. 04.20

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