



PMC[®] 1272

Description PMC[®] 1272 is a high gloss decorative acrylic film laminated to a medium impact ABS core sheet. This system marries the rigidity, durability and ease of processing of ABS with a high gloss decorative surface.

Applications Decorative panels, home and recreational vehicle parts.

PROPERTY	TYPICAL VALUE ¹	UNITS	TEST METHOD
Hardness	95	R-Scale	ASTM D785
Specific Gravity	1.06		ISO 1183
Gloss, 60° (textured*, post-formed, male tooling)	70 - 100	%	ASTM 523
Shrink Rate	0.3 – 0.7	%	ISO 294-4
Flexural Modulus	335,000 2,310	psi MPa	ASTM D790
Tensile Strength at Yield	6,214 43	psi MPa	ASTM D638
Notched Izod Impact at 73°F (23°C) at 0°F (-18°C)	4.6 2.5	ft*lb/in	ASTM D256
HDT at 66 psi (0.45 MPa) at 264 psi (1.45 MPa)	196 (91) 180 (82)	°F (°C)	ASTM D648

*Smooth gloss noted. 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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