



PMC[®] 310

Description PMC[®] 310 is a coextruded low gloss ABS cap extruded over a high-impact ABS core, offering good impact resistance in applications where an ultra-low gloss A-surface is desired.

Applications Interior components, instrument dash panels, door trim, 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	%	ASTM 523
Shrink Rate	0.4 – 0.6	%	ISO 294-4
Flexural Modulus	310,000 2,138	psi MPa	ASTM D790
Tensile Strength at Yield	4,800 33	psi MPa	ASTM D638
Gardner Impact at 73°F (23°C) at 32°F (0°C) at -22°F (-30°C)	192 (22) 204 (23) 218 (25)	in*lbs (Joules)	ASTM D5420
HDT at 66 psi (0.45 MPa) at 264 psi (1.45 MPa)	195 (91) 180 (82)	°F (°C)	ASTM D648
CLTE (-30°C to 80°C)	4.5 x 10 ⁻⁵ 8.1 x 10 ⁻⁵	in/in/°F mm/mm/°C	ISO 11359
Burn Rate	41	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 co-extruded sheet, 0.180 in. (4.6 mm) thick, 10% cap layer, 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

SIMONA PMC
 2040 Industrial Drive
 Findlay, OH 45839
 T: 877.289.7626
 F: 419.425.0501
www.simona-pmc.com