



# PMC<sup>®</sup> 802

**Description** PMC<sup>®</sup> 802 is a monolithic, high stiffness, talc-filled TPO sheet. This product is designed to offer a structural substrate with high flex modulus and heat deflection temperature properties.

**Applications** Structural parts, industrial covers, housings, hoods, claddings, & shrouds

PROPERTY	TYPICAL VALUE <sup>1</sup>	UNITS	TEST METHOD
Specific Gravity	1.16		ISO 1183
Gloss, 60° (textured, post-formed, male tooling)	7 - 10	%	ASTM 523
Shrink Rate	0.7 – 0.9	%	ISO 294-4
Flexural Modulus	570,000 3,931	psi MPa	ASTM D790
Tensile Strength at Yield	4,400 30	psi MPa	ASTM D638
Elongation at Break	170	%	ASTM D638
Gardner Impact at 32°F (0°C) at -22°F (-30°C)	320 (36) 180 (20)	in*lbs (Joules)	ASTM D5420
HDT at 66 psi (0.45 MPa) at 264 psi (1.45 MPa)	240 (116) 145 (63)	°F (°C)	ASTM D648
CLTE (-30°C to 80°C)	3.0 x 10 <sup>-5</sup> 5.4 x 10 <sup>-5</sup>	in/in/°F mm/mm/°C	ISO 11359

<sup>1</sup> Property values tested on coextruded sheet, 0.125" thick, 10% cap layer, 30% regrind

**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](http://www.simona-pmc.com)