



# PMC 600

**Description** PMC 600 is a monolithic TPO sheet comprised of a standard melt strength, impact-modified, talc-filled TPO. This material offers a mid-point between the cost-effectiveness of a utility grade TPO and the physical property advantages of a high melt strength prime TPO.

**Applications** Industrial covers, wheel lips, claddings, rocker panels, industrial covers & enclosures

PROPERTY	TYPICAL VALUE <sup>1</sup>	UNITS	TEST METHOD
Specific Gravity	1.10		ISO 1183
Gloss, 60° (textured, post-formed, male tooling)	7 - 10	%	ASTM 523
Shrink Rate	0.7 – 1.0	%	ISO 294-4
Flexural Modulus	275,000 1,896	psi MPa	ASTM D790
Tensile Strength at Yield	2,900 20.0	psi MPa	ASTM D638
Gardner Impact at 32°F (0°C) at -22°F (-30°C)	322 (36) 313 (35)	in*lbs (Joules)	ASTM D5420
Multi-Axial Impact at -22°F (-30°C)	28.0, 100% ductile	Joules	ASTM D3763
HDT at 66 psi (0.45 MPa) at 264 psi (1.45 MPa)	212 (100) 130 (54)	°F (°C)	ASTM D648
CLTE (-30°C to 80°C)	3.3 x 10 <sup>-5</sup> 5.9 x 10 <sup>-5</sup>	in/in/°F mm/mm/°C	ISO 11359

<sup>1</sup> Property values tested on a monolithic sheet, 4 mm (0.157") 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. 07.20

**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)