



PMC[®] 815

Description PMC[®] 815 is 22% glass filled TPO core sheet, capped with a standard melt strength, talc-filled TPO. This combination provides the enhanced stiffness & HDT of the glass-filled TPO, with improved surface aesthetics over a monolithic glass filled sheet. Available in multiple colors and in a variety of textures.

Applications Industrial covers, structural housings, fan shrouds

PROPERTY	TYPICAL VALUE ¹	UNITS	TEST METHOD
Specific Gravity	1.06 - 1.08		ISO 1183
Hardness	76 – 78	Shore D	ISO 868
Gloss, 60° (textured, post-formed, male tooling)	10 - 15	%	ASTM D523
Shrink Rate	0.6 – 0.8	%	ISO 294-4
Flexural Modulus	536,500 3,700	psi MPa	ASTM D790
Tensile Strength at Yield	9,280 64	psi MPa	ASTM D638
Notched Izod at 23°C	40 85	ft*lb _i /in ² kJ/m ²	ASTM D256
HDT at 66 psi (0.45 MPa) at 264 psi (1.45 MPa)	293 (145) 269 (132)	°F (°C)	ASTM D648
CLTE (-30°C to 80°C)	3.3 x 10 ⁻⁵ 5.9 x 10 ⁻⁵	in/in/°F mm/mm/°C	ISO 11359

09/19

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.

PRELIMINARY

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