Ontex® 8720

Description Ontex® 8720 is a directly paintable & bondable sheet system comprised of a thermoformable adhesion film layer (B side) laminated to a high melt strength, impact-modified, talc-filled TPO core and capped on the A side with PremierCap® low gloss TPO. The result is a product with all of the favorable properties of TPO as well as a low gloss, enhanced scratch & mar resistant cap and no need for surface preparation or special adhesives for B side bonding. Do not sand this product (will remove the film layer).

Applications Bumpers, wheel lips, valences, helms, industrial covers & enclosures

PROPERTY	TYPICAL VALUE[1]	UNITS	TEST METHOD
Specific Gravity	1.11		ISO 1183
Gloss, 60° (smooth, post-formed, male tooling)	14 – 18	%	ASTM 523
Crock Mar Resistance (Retained gloss at 60° observer)	70 - 80	%	PMC Method
Shrink Rate	0.9 – 1.1	%	ISO 294-4
Flexural Modulus	275,800 1,902	psi MPa	ASTM D790
Tensile Strength at Yield	2,740 18.9	psi MPa	ASTM D638
Gardner Impact at 32°F (0°C) at -22°F (-30°C)	320 (35.6) 320 (35.6)	in*lbs (Joules)	ASTM D5420
Multi-Axial Impact at 32°F (0°C) at -5°F (-15°C) at -22°F (-30°C)	36.9, 100% ductile 42.0, 100% ductile 38.3, 90% ductile	Joules	ASTM D3762
HDT at 66 psi (0.45 MPa) at 264 psi (1.45 MPa)	211 (99) 128 (53)	°F (°C)	ASTM D648
CLTE (-30°C to 80°C)	3.2×10^{-5} 5.8×10^{-5}	in/in/°F mm/mm/°C	ISO 11359

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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.

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