



# SIMORAIL 130

**Description** SIMORAIL 130 is an FR PC/ABS sheet developed for North American rail interiors. The product is designed to provide a high HDT product with complies with NFPA 130 requirements.

**Applications** Rail interior components, seat backs, tray tables and claddings

PROPERTY	TYPICAL VALUE	UNITS	TEST METHOD
Specific Gravity	1.20		ASTM D256
Tensile Strength at Yield	8,750 60.3	psi MPa	ASTM D638
Flexural Strength	10,579 72.9	psi MPa	ASTM D790
Flexural Modulus	369,913 2,550	Psi MPa	ASTM D790
HDT at 66 psi (0.45 MPa), Unannealed	209 (98.4)	°F (°C)	ASTM D648
CLTE (23°C to 55°C)	3.8 x 10 <sup>-5</sup> 6.8 x 10 <sup>-5</sup>	in/in/°F mm/mm/°C	ISO 11359
Notched Izod Impact Strength (23°C)	12.1	ft-lb./in.	ASTM D256
Flammability: Flame Spread Index	< 35		ASTM E162
Flammability: Smoke Density	D <sub>s</sub> (1.5) < 100 D <sub>s</sub> (4.0) < 200		ASTM E662
Caloric Content	4,053	BTU/lb	ASTM E1354
Toxic Gas Generation: Bombardier SMP 800C	PASS		SMP 800C
Toxic Gas Generation: Boeing BSS 7239	PASS		BSS 7239

**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. 06.20