

Introducing SIMORAIL 130

Innovative Solutions Driving Mobility Forward

Introducing SIMORAIL 130, the latest addition to our SIMORAIL product line designed specifically for the rail or bus interior space. SIMORAIL 130 meets the stringent NFPA 130 standards for flammability, smoke density, and toxicity, making it a compatible solution for the North American market. Like all SIMORAIL grades, SIMORAIL 130 is easy to process, recyclable, and can include recycled content. It offers a wide range of options including anti-graffiti and UV resistance, custom colors, bespoke prints, and various textures in thicknesses from 0.055 to 0.300 inches.



Color and Finish

- Integral sheet color (no painting required)
- Color match for customization
- Wide range of textures
- Bespoke prints
- Solutions for Anti-Graffiti
- Solutions for UV-Protection
- Available in thicknesses from 0.055 – 0.300 inches

Benefits

- Lighter than competitive thermoplastics by 8-11%
- Lower shipping costs compared to non-thermoplastic options
- Outstanding dent and damage resistance
- Higher heat deflection temperatures compared to competitive thermoplastics

Regulatory Compliance

- SIMORAIL HL3 for EN45545 HL3 / R1, R6 up to 6 mm
- SIMORAIL 130 for NFPA 130, SMP800C and BSS3279

SIMORAIL 130 is ideal for thermoformed parts with complex geometries, offering more versatility than metal or FRP parts. The material is 8-11% lighter compared to other competitive thermoplastics with superior impact ratings that has the benefit of reduced life cycle costs and a reduced CO2 footprint over time. With solutions for anti-graffiti and UV protection, outstanding dent and damage resistance, and integral sheet color that eliminates the need for painting, SIMORAIL 130 delivers on appearance and long-term performance requirements.

For more information or pricing, please contact Roger Jean at roger.jean@simona-group.com.

SIMORAIL 130

PERFORMANCE DETAILS



PROPERTIES

Property	SIMORAIL HL3	SIMORAIL 130
Specific Gravity	1.29	1.20
Modulus	579,000 psi Tensile	370,000 psi Flexural
Notched Izod Impact	2.45 ft-lbs/in	12.10 ft-lbs/in
HDT	212.7 °F	209.0 °F
24 hr. Water Absorption	0.10%	0.24%

Gauges, Sizes Available
 Widths – up to 100” wide
 Thicknesses – 0.055” - 0.300”

- Textures**
- Smooth High Gloss
 - ECL-1/Saddle
 - Calf
 - Sand
 - Swirl
 - Seville
 - Haircell

Colors

- Custom Colors available upon request, minimums apply

- Applications**
- Seats
 - Armrests
 - Wall coverings
 - Window panels
 - Partitions
 - Ceiling elements
 - Shelves

SIMORAIL 130 offers exceptional impact resistance and integral sheet color to ensure durability in a variety of applications.



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