

Boltaron® 4365 TERREFORM®

RECYCLED GRADE FAR RATED SHEET

4 0 0 0
S E R I E S

CHARACTERISTICS

- Meets FAR 25.853 (a)
- Made with recycled content
- Impact resistant
- Maintains wall thickness integrity in deep draw forming
- Low minimums

USES

- Instrument panel housings
- Seat parts
- Class dividers, bulkhead laminates
- Sidewall and kick panels
- Galley and lavatory components
- Bull noses, gap covers, moldings

PERFORMANCE DETAILS

FAR RATINGS

- FAR 25.853(a)(i) (Flammability) (Vertical burn, 60 sec) Pass
FAR 25.853(a)(ii) (Flammability) (Vertical burn, 12 sec) Pass

PROPERTIES

Specific Gravity (ASTM D792)	1.36	
Tensile Strength @ yield (ASTM D638)	5,700 psi	39.3 MPa
Flexural Strength (ASTM D790)	9,500 psi	65.5 MPa
Flexural Modulus @ yield (ASTM D790)	330,000 psi	2,275 MPa
Izod Impact Notched (ASTM D256)	73 °F 3.0 ft-lb/in	23 °C 160 J/m
Rockwell Hardness R-scale (ASTM D785)	98	
Heat Deflection Annealed (ASTM D648)	158 °F @264 psi	70 °C @1.8 MPa

*Independent lab tests. All tests at 73 °F (23 °C) in dry conditions unless otherwise noted.

SHEET SIZES

Lengths	to 120 in	3,048 mm
Widths	to 60 in	1,524 mm
Gauges	from 0.028 to 0.250 in	from 0.71 to 6.35 mm

Custom Blank sizes, gauges on request

THERMOFORMING GUIDELINES

Mold Shrinkage	0.5 - 0.7%
Forming Temperature	335 - 370 °F 168 - 188 °C
Typical Heater Settings	30 - 50% Top 50 - 70% Bottom
Drying	Not required

4365

DESIGN OPTIONS

- Colors** Ask for availabilities
Texture Ask for availabilities

Note: Due to added variation from recycled content, quality tolerances are wider than standard extruded sheets. Contact SIMONA Boltaron quality or technical services for full information.

DISCLAIMER AND LIMITATION OF WARRANTY: All information contained herein is believed by SIMONA BOLTARON Inc. to be reliable. Typical properties are based on laboratory tests conducted on material samples in accordance with standard test methodology. SIMONA BOLTARON Inc. makes no express or implied warranty that its products will perform in accordance with the data in all conditions and circumstances. To determine suitability for use, users must test applications under actual operating conditions. As a result, ALL EXPRESS OR IMPLIED WARRANTIES IN CONNECTION WITH SIMONA BOLTARON Inc. PRODUCTS INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY DISCLAIMED. RI 3.12.26

SIMONA
boltaron

www.boltaron.com | +1 800 342 7444

RELIABILITY MEETS INNOVATION