

4550



Boltaron 4550 is an extruded Acrylic/PVC Alloy sheet, capped with a clear, high gloss, acrylic Korad® film. Boltaron 4550 offers excellent UV resistance, impact strength, abrasion resistance, stain and chemical resistance, and thermoformability.

AVAILABILITY

Colors: Custom

Gauges: .040 to .250 in.

Widths: Up to 60"

Lengths: Up to 120"

Custom Sizes: Upon request

Textures:

Coarse Matte (CM)

Felt (FT)

Haircell (HC)

Levant (LT)

Mesa (MS)

Suede (SD)

SUGGESTED APPLICATIONS

Equipment housings, Medical products, Kiosk housings

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL VALUES
Specific Gravity	ASTM D-792	1.415
Tensile strength (PSI)	ASTM D-638	5,000 - 5,400
Flexural Strength (PSI)	ASTM D-790	8,600 - 9,200
Flexural Modulus (PSI)	ASTM D-790	3.0 - 3.3 x 10 ⁵
Izod Impact (Ft. lbs./in. of notch)	ASTM D-256	15-18
Hardness Rockwell R	ASTM D-785	108-110
Heat Deflection (°F) 264 PSI (annealed)	ASTM D-648	161 - 163
Flammability FAA	FAR 25.853 A1,(i) (60 sec.) FAR 25.853 A1,(ii) (12 sec.)	PASS PASS
UL	UL-94	V-0 ¹
Radiant Panel Flame Spread Index .125 gauge	E-162	<10
QUV accelerated weathering 2,700 hrs	N/A	avg. 3.25 Delta E
Xenon accelerated weathering 500 hrs	N/A	avg. .75 Delta E
Forming Temperature (°F)		335 - 370

¹ Independent Lab Testing

LIMITATION OF WARRANTY

The application suggestions, specifications and other data described here are based upon experience and information that is believed, by BOLTARON Inc., to be reliable. However, BOLTARON Inc. makes no express or implied warranty that BOLTARON 4550 will perform in accordance with such specifications in any particular circumstance. Therefore, ALL EXPRESS OR IMPLIED WARRANTIES IN CONNECTION WITH BOLTARON 4550, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED. The prospective user should determine the suitability of BOLTARON 4550 and the application suggestions before actual application.

