

4550

BOLTARON

4550

GENERAL INFORMATION

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
 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	3.0-3.3x10 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.)	PASS
	FAR 25.853 A1,(ii) (12 sec.)	PASS
UL	UL-94	V-0 ¹
Radiant Panel Flame Spread Index .125 gauge	E-162	<10
QUV accelerated weathering 2,700hrs	N/A	avg. 3.25 Delta E
Xenon accelerated weathering 500 hrs	N/A	avg. .75 Delta E
Forming Temperature (°F)		335 - 370

¹Independent Lab Testing



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LIMITATION OF WARRANTY

The application suggestions, specifications and other data described here are based upon experience and information that is believed, by BPP to be reliable. However, BPP 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.