

GENERAL INFORMATION

BOLTARON 6540 Sheet is a FLAME RETARDANT ABS/PVC extruded sheet, compounded with excellent balance of physical properties. Field-proven in numerous commercial, industrial, institutional and transportation applications, BOLTARON 6540 Sheet also exhibits outstanding thermoforming characteristics and excellent mold and pattern reproduction. Now produced on state-of-the-art extrusion equipment, this product exhibits high heat distortion temperature, good embossment retention.

AVAILABILITY

- Colors - standard and custom
- Gauges - standard and custom up to 0.250"
- Sheet sizes - up to 60" x 120"
- Textures - variety

Material Rating

Formability	Excellent
Tensile strength	Excellent
Hardness	Excellent
Stiffness	Excellent
Impact strength	Excellent
Heat distortion resistance	Excellent
Abrasion resistance	Excellent
Fire resistance	Excellent
Chemical resistance	Excellent
Color consistency	Excellent
Pressure formable	Yes
Homogeneous material	Yes
Mold shrinkage	.005-.007 in./in.

BOLTARON 6540

Typical physical properties

Property	ASTM test method	Typical values
Specific gravity	D-792	1.32
Tensile strength (PSI) .125 gauge	D-638	6,300
Flexural strength (PSI)	D-790	10,000
Flexural modulus (PSI)	D-790	3.7 x 10 ⁵
Impact resistance Izod notched Ft.-lb./in. of notch	D-256	7-10
Hardness Rockwell R	D-785	110
Heat Deflection temperature (°F) 264 PSI (annealed)	D-648	165°
Flammability	FAR 25.853 A1, (i) FAR 25.853 A1, (ii) UL-94 V-0/94 5-VA	PASS PASS 0.060"
Radiant panel	E-162	PASS
Flame spread index .093 gauge		
MVSS 302	N/A	PASS
Forming window	°F	320° -370°

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 expressed or implied warranty that BOLTARON 6540 Sheet will perform in accordance with such specifications in any particular circumstance. Therefore, ALL EXPRESSED OR IMPLIED WARRANTIES IN CONNECTION WITH BOLTARON 6540 Sheet, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED. The prospective user should determine the suitability of BOLTARON 6540 Sheet and the application suggestions before actual application.

