



## EMPIRE/BOLTARON 4332

EMPIRE/BOLTARON 4332 Sheet is an ACRYLIC-MODIFIED POLYVINYL CHLORIDE extruded sheet, compounded with excellent balance of physical properties. EMPIRE/BOLTARON 4332 Sheet also exhibits good cold crack resistance and higher impact. Tested and found to resist blood and other stains. Now produced on state-of-the-art extrusion equipment, this product exhibits high heat distortion temperature, good embossment retention and lower heat capacity (heats faster/cool faster), which means faster cycle times on standard thermoforming equipment.

### MATERIAL RATING

Formability	Excellent
Tensile strength	Excellent
Hardness	Excellent
Cold Crack	Good
Impact strength	Excellent
Heat distortion resistance	Excellent
Abrasion resistance	Excellent
Fire resistance	Excellent
Chemical resistance	Excellent
Weatherability	Good
Pressure formable	Yes
Homogeneous material	Yes
Mold shrinkage	.005-.007 in./in.

### AVAILABILITY

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

### EMPIRE/BOLTARON 4332 –Typical physical properties

Property	ASTM Test Method	Typical Values
Specific gravity	D-792	1.35
Tensile strength (PSI) .125 gauge	D-638	5691
Flexural strength (PSI)	D-790	8695
Flexural modulus (PSI)	D-790	3.08 x 10 <sup>5</sup>
Impact resistance Izod notched Ft.-lb./in. of notch	D-256	19.27
Hardness Rockwell R	D-785	106
Heat Deflection temperature (°F) 264 PSI (annealed)	D-648	167.5°
Flammability	FAR 25.853 A1, (i)	PASS
	FAR 25.853 A1, (ii)	PASS
Forming window	°F	335° -385°