



# Soft Touch ABS R-104 Laminated Sheet

SoftTouch R-104 combines a weatherable vinyl surface with foam center and an ABS substrate. The ability to thermoform R-104 makes this material perfect for marine dashes, heavy truck door panels, and RV overheads. The vinyl is available in a variety of standard colors and widths.

## Soft Touch ABS R-104 Laminated Sheet Data

| Test                        | Condition                   | Units             | Value     |
|-----------------------------|-----------------------------|-------------------|-----------|
| Specific Gravity            | ASTM D792                   | g/cm <sup>3</sup> | 1.03-1.05 |
| Tensile Modulus             | ASTM D638                   | psi               | -         |
| Tensile Strength            | ASTM D638                   | psi               | 5,000     |
| Flexural Modulus            | ASTM D790                   | psi               | 270,000   |
| Flexural Strength           | ASTM D790                   | psi               | 8,300     |
| Izod Impact                 | ASTM D256                   | Ft-lbs/in.        |           |
|                             | 73°F                        |                   | 7.0       |
|                             | -40°F                       |                   | 2.5       |
| Falling Dart Impact         | ASTM D3029<br>(73°F, -40°F) | Ft-lbs            | -         |
| Heat Deflection Temperature | ASTM D648                   | °F                | 200       |
| Hardness                    | ASTM D785                   | Rockwell R        | 96        |
| Gardner Gloss               | ASTM D523                   | %                 | 10 -20    |

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