



Weather Pro[®] Plexiglas[®] DR[®]/ABS

The first of Spartech's Weather Pro plastics, the AlloyPlastic created by the coextrusion of Plexiglas DR/ABS offers the weatherability, aesthetics, and gloss of acrylic combined with the toughness of High Impact ABS. The toughest acrylic/ABS composite available, used in utility vehicle body parts, sanitaryware, kayaks, and other recreational applications.

Plexiglas DR/ABS Data

| Test | Condition | Units | Value |
|-----------------------------|-----------------------------|-------------------|------------|
| Specific Gravity | ASTM D792 | g/cm ³ | 1.11 |
| Tensile Modulus | ASTM D638 | psi | 280,000 |
| Tensile Strength | ASTM D638 | psi | 5,000 |
| Flexural Modulus | ASTM D790 | psi | 300,000 |
| Flexural Strength | ASTM D790 | psi | 10,300 |
| Izod Impact | ASTM D256 (73°F, -40°F) | ft-lbs/in. | (4.5, 1.0) |
| Falling Dart Impact | ASTM D3029 (73°F, -40°F) | ft-lbs | (20, 8) |
| Heat Deflection Temperature | ASTM D648 | °F | 180 |
| Hardness | ASTM D785 | Rockwell R | 99 |
| Gardner Gloss | ASTM D523 | % | 85 |

Spartech warrants that its products conform to its published specifications in effect at the time of sale, but Spartech expressly disclaims any warranties of the merchantability and of fitness for a particular purpose with respect to its products. The values shown above are representative of values that have been obtained in the testing of samples produced in various colors. Each user of the material should conduct his own testing and evaluations to determine the effectiveness, safety, and suitability of the material for its particular use.