



High Heat ABS SP-9080

SP-9080 is a rigid, medium impact ABS sheet, which has a very high tensile strength and stiffness coupled with high temperature performance and formability.

High Heat SP-9080 Data

| Test | Condition | Units | Value |
|-----------------------------|-----------------------------|-------------------|------------------|
| Specific Gravity | ASTM D792 | g/cm ³ | 1.05 |
| Tensile Modulus | ASTM D638 | psi | 320,000 |
| Tensile Strength | ASTM D638 | psi | 6,200 |
| Flexural Modulus | ASTM D790 | psi | 360,000 |
| Flexural Strength | ASTM D790 | psi | 11,000 |
| Izod Impact | ASTM D256 (73°F, -40°C) | Ft-lbs/in. | 6.5 |
| Falling Dart Impact | ASTM D3029 (73°F, -40°C) | Ft-lbs | 15 3 |
| Heat Deflection Temperature | ASTM D648 | °F | 222 |
| Hardness | ASTM D785 | Rockwell R | 105 |
| Gardner Gloss | ASTM D523 | % | 90 |
| Flammability Rating | MVSS 302 UL94 HB | | Passes Passes |

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