



TAIRILAC[®] ABS RESIN

| Property | Unit | Test Method | Test Condition | Extrusion Grade |
|-----------------------------|--|----------------------------|---|--------------------|
| | | | | AE8200 |
| Tensile Strength | kg/cm ² (Mpa) | ASTM D-638 (ISO 527) | 23 °C | 440 (43) |
| Flexural Strength | kg/cm ² (Mpa) | ASTM D-790 (ISO 178) | 23 °C | 680 (67) |
| Flexural Modulus | kg/cm ² (Mpa) | ASTM D-790 (ISO 178) | 23 °C | 23000 (2260) |
| Rockwell Hardness | R-scale | ASTM D-785 (ISO 2039/2) | 23 °C | R-104 |
| Izod Impact Strength | kg-cm/cm (J/m) | ASTM D-256 (ISO R180) | 23 °C 1/4" | 34 (333) |
| Vicat Softening Point | °C | ASTM D-1525 (ISO 306) | 1Kg load | 100 |
| Heat Deflection Temperature | °C | ASTM D-648 (ISO 75/A) | Unannealed 18.6 kg/cm ² (1/4"bar) | 86 |
| | | | Annealed (80°C×8hr) | 96 |
| Melt Flow Index | g/10 min | ASTM D-1238 (ISO 1133) | 200°C×5kg(49N) | — |
| | | | 220°C×10kg(98N) | 15 |
| Specific Gravity | | ASTM D-792 (ISO 1183) | 23°C/23°C | 1.04 |
| Flammability | | UL-94 | File No. E162823 | 1.5mm HB All Color |
| CHARACTERISTICS | Extrusion molding, Super high impact, High rigid | | | |

All tests were run under laboratory conditions, ASTM, ISO testing procedures. The data are intended as a general guide only.

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