

TAIRILOY[®] PC / ABS Resin

| Property | Unit | Test Method | Test Condition | Self Extinguishing & Extrusion Grade |
|-----------------------------|-----------------------------|----------------------------|---|--------------------------------------|
| | | | | AC3208 |
| Tensile Strength | kg/cm ² (Mpa) | ASTM D-638 (ISO 527) | 23 °C | 690 (67) |
| Flexural Strength | kg/cm ² (Mpa) | ASTM D-790 (ISO 178) | 23 °C | 960 (94) |
| Flexural Modulus | kg/cm ² (MPa) | ASTM D-790 (ISO 178) | 23 °C | 24000 (2352) |
| Rockwell Hardness | R-scale | ASTM D-785 (ISO 2039/2) | 23 °C | R-116 |
| Izod Impact Strength | kg-cm/cm (J/m) | ASTM D-256 (ISO R180) | 23 °C 1/8" bar | 70 (588) |
| Heat Deflection Temperature | °C | ASTM D-648 (ISO 75/A) | Unannealed 18.6 kg/cm ² (1.8MPa)1/4" bar | 103 |
| Melt Flow Index | g/10 min | ASTM D1238 (ISO 1133) | 240°C × 5kg | 12 |
| Specific Gravity | | ASTM D792 (ISO 1183) | 23°C/23°C | 1.19 |
| Molding Shrinkage | % | ASTM D955 (ISO 2577) | 3.2mm | 0.4-0.6 |
| Flammability | | UL-94 | FILE NO. E162823 | 3.2mm V1 All Color |
| CHARACTERISTICS | Extrusion molding | | | |

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

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