



TAIRILOY® PC / ABS Resin

Property	Unit	Test Method	Test Condition	Extrusion Grade
				AC2190
Tensile Strength	kg/cm ² (Mpa)	ASTM D-638 (ISO 527)	23 °C	670 (66)
Flexural Strength	kg/cm ² (Mpa)	ASTM D-790 (ISO 178)	23 °C	900 (88)
Flexural Modulus	kg/cm ² (MPa)	ASTM D-790 (ISO 178)	23 °C	21000 (2058)
Rockwell Hardness	R-scale	ASTM D-785 (ISO 2039/2)	23 °C	R-119
Izod Impact Strength	kg-cm/cm (J/m)	ASTM D-256 (ISO R180)	23 °C 1/8" bar	82 (804)
Heat Deflection Temperature	°C	ASTM D-648 (ISO 75/A)	Unannealed 18.6 kg/cm ² (1.8MPa)1/4" bar	126
Melt Flow Index	g/10 min	ASTM D1238 (ISO 1133)	240°C × 5kg	7.0
Specific Gravity		ASTM D792 (ISO 1183)	23°C/23°C	1.14
Molding Shrinkage	%	ASTM D955 (ISO 2577)	3.2mm	0.4-0.6
Flammability		UL-94	FILE NO. E162823	1.5mm HB 3.0mm HB All Color
CHARACTERISTICS	Extrusion molding, High impact			

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

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