

TAIRILAC[®] ABS RESIN

Property	Unit	Test Method	Test Condition	Metal Plating Grade
				AG22AT
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	730 (72)
Flexural Modulus	kg/cm ² (Mpa)	ASTM D-790 (ISO 178)	23 °C	24000 (2350)
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"	25 (245)
Vicat Softening Point	°C	ASTM D-1525 (ISO 306)	1Kg load	102
Heat Deflection Temperature	°C	ASTM D-648 (ISO 75/A)	Unannealed 18.6 kg/cm ² (1/4"bar)	87
			Annealed (80°C×8hr)	97
Melt Flow Index	g/10 min	ASTM D-1238 (ISO 1133)	200°C×5kg (49N)	1.4
			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	High impact Electro plating			

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

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