



## TAIRILAC® ABS RESIN

Property	Unit	Test Method	Test Condition	Metal Plating Grade
				AG23AT
Tensile Strength	kg/cm <sup>2</sup> (Mpa)	ASTM D-638 (ISO 527)	23 °C	445 (45)
Flexural Strength	kg/cm <sup>2</sup> (Mpa)	ASTM D-790 (ISO 178)	23 °C	820 (72)
Flexural Modulus	kg/cm <sup>2</sup> (Mpa)	ASTM D-790 (ISO 178)	23 °C	25000 (2200)
Rockwell Hardness	R-scale	ASTM D-785 (ISO 2039/2)	23 °C	R-107
Izod Impact strength	kg-cm/cm (kJ/m <sup>2</sup> )	ASTM D-256 (ISO 180)	23 °C 1/4" 23 °C 4 mm	27 (31)
Vicat Softening Point	°C	ASTM D-1525 (ISO 306)	50N	92
Heat Deflection	°C	ASTM D-648	Unannealed 1.8Mpa 1/4" · 120 °C / h	86
			Annealed 1.8Mpa 1/4" · 120 °C / h	92
Melt Flow Index	g/10 min	ASTM D-1238 (ISO 1133)	220°C×10kg(98N)	21
			200°C×5kg(49N)	2.5
Specific Gravity		ASTM D-792	23 °C/23 °C	1.04
Flammability		UL-94	File No. E162823	1.5mm HB All Color
Characteristics	High impact Metal 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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