



TAIRILAC® ABS RESIN

Property	Unit	Test Method	Test Condition	General Purpose Grade
				AG15A1-H
Tensile Strength	kg/cm ² (Mpa)	ASTM D-638 (ISO 527)	23 °C	471 (46)
Flexural Strength	kg/cm ² (Mpa)	ASTM D-790 (ISO 178)	23 °C	815 (80)
Flexural Modulus	kg/cm ² (Mpa)	ASTM D-790 (ISO 178)	23 °C	29000 (2842)
Rockwell Hardness	R-scale	ASTM D-785 (ISO 2039/2)	23 °C	R-110
Izod Impact Strength	kg-cm/cm (J/m)	ASTM D-256 (ISO 180)	23 °C 1/4"	25.1 (246)
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)	88
			Annealed (80°C×8hr)	95
Melt Flow Index	g/10 min	ASTM D-1238 (ISO 1133)	200°C×5kg (49N)	2.2
			220°C×10kg (98N)	24.2
Molding Shrinkage	%	ASTM D-955 (ISO 2577)	3.2mm	0.4~0.7
Specific Gravity		ASTM D-792 (ISO 1183)	23°C/23°C	1.05
Flammability		UL-94	File No. E162823	1.0mm HB All Color
CHARACTERISTICS	High gloss, Medium 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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