


**FORMOSA CHEMICALS & FIBRE CORPORATION**
**TAIRILAC® ABS RESIN**

Property	Unit	Test Method	Test Condition	General Purpose Grade
				AG15A1-H
Tensile Strength	kg/cm <sup>2</sup> (MPa)	ASTM D-638	23 °C	460 (45)
Flexural Strength	kg/cm <sup>2</sup> (MPa)	ASTM D-790	23 °C	810 (80)
Flexural Modulus	kg/cm <sup>2</sup> (MPa)	ASTM D-790	23 °C	26000 (2548)
Rockwell Hardness	R-scale	ASTM D-785	23 °C	R-110
Izod Impact Strength	kg-cm/cm (J/m)	ASTM D-256	23 °C 1/4"	25 (246)
Vicat Softening Point	°C	ASTM D-1525	1Kg load	100
Heat Deflection Temperature	°C	ASTM D-648	Unannealed 18.6 kg/cm <sup>2</sup> (1/4"bar)	88
			Annealed (80°C×8hr)	95
Melt Flow Index	g/10 min	ASTM D-1238	200°C×5kg (49N)	2.2
			220°C×10kg (98N)	24
Molding Shrinkage	%	ASTM D-955	3.2mm	0.4~0.7
Specific Gravity		ASTM D-792	23°C/23°C	1.05
Flammability		UL-94	File No. E162823	1.0mm HB 1.5mm HB 3.0mm 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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