


FORMOSA CHEMICALS & FIBRE CORPORATION
TAIRILAC® ABS RESIN

Property	Unit	Test Method	Test Condition	Health Care Grade
				AG16A1
Tensile Strength	kg/cm ² (MPa)	ASTM D-638	23 °C	510 (50)
Flexural Strength	kg/cm ² (MPa)	ASTM D-790	23 °C	880 (87)
Flexural Modulus	kg/cm ² (MPa)	ASTM D-790	23 °C	26000 (2548)
Rockwell Hardness	R-scale	ASTM D-785	23 °C	R-111
Izod Impact Strength	kg-cm/cm (J/m)	ASTM D-256	23 °C 1/4"	28 (276)
Vicat Softening Point	°C	ASTM D-1525	1Kg load	104
Heat Deflection Temperature	°C	ASTM D-648	Unannealed 18.6 kg/cm ² (1/4"bar)	88
			Annealed (80°C×8hr)	94
Melt Flow Index	g/10 min	ASTM D-1238	200°C×5kg (49N)	1.0
			220°C×10kg (98N)	11
Molding Shrinkage	%	ASTM D-955	3.2mm	0.4~0.7
Specific Gravity		ASTM D-792	23°C/23°C	1.04
Flammability		UL-94	File No. E162823	1.5mm HB 3.0mm HB All Color
CHARACTERISTICS	High rigid, Medium impact			

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

Formosa Chemicals & Fibre Corp. Plastics Div.

TEL: +886-2-27122211 / FAX: +886-2-27131649 /

Address: No.201, Dunhua N. Rd., Songshan Dist., Taipei City 105, Taiwan

Website: <https://en.fcfc-plastics.com/>

