


FORMOSA CHEMICALS & FIBRE CORPORATION
TAIRILAC[®] ABS RESIN

Property	Unit	Test Method	Test Condition	General Purpose Grade
				AG12A3
Tensile Strength	kg/cm ² (MPa)	ASTM D-638	23 °C	430 (42)
Flexural Strength	kg/cm ² (MPa)	ASTM D-790	23 °C	730 (72)
Flexural Modulus	kg/cm ² (MPa)	ASTM D-790	23 °C	22000 (2156)
Rockwell Hardness	R-scale	ASTM D-785	23 °C	R-106
Izod Impact Strength	kg-cm/cm (J/m)	ASTM D-256	23 °C 1/4"	30 (297)
Vicat Softening Point	°C	ASTM D-1525	1Kg load	102
Heat Deflection Temperature	°C	ASTM D-648	Unannealed 18.6 kg/cm ² (1/4"bar)	85
			Annealed (80°C×8hr)	95
Melt Flow Index	g/10 min	ASTM D-1238	200°C×5kg (49N)	1.6
			220°C×10kg (98N)	19
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	1.5-1.65mm HB All Color
CHARACTERISTICS	High gloss, High 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/>

