


FORMOSA CHEMICALS & FIBRE CORPORATION
TAIRILAC[®] ABS RESIN

Property	Unit	Test Method	Test Condition	Heat Resistant General Grade
				AX4300
Tensile Strength	kg/cm ² (MPa)	ASTM D-638	23 °C	450 (44)
Flexural Strength	kg/cm ² (MPa)	ASTM D-790	23 °C	780 (77)
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 (299)
Vicat Softening Point	°C	ASTM D-1525	1Kg load	111
Heat Deflection Temperature	°C	ASTM D-648	Unannealed 18.6 kg/cm ² (1/4"bar)	94
			Annealed (80°C×8hr)	104
Melt Flow Index	g/10 min	ASTM D-1238	200°C×5kg (49N)	–
			220°C×10kg (98N)	4.1
Molding Shrinkage	%	ASTM D-955	3.2mm	0.3~0.6
Specific Gravity		ASTM D-792	23°C/23°C	1.05
Flammability		UL-94	File No. E162823	1.5mm HB 3.0mm HB All Color
CHARACTERISTICS	Medium high heat, Extrusion blow molding			

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

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