


FORMOSA CHEMICALS & FIBRE CORPORATION
TAIRILAC[®] ABS RESIN

Property	Unit	Test Method	Test Condition	20% GF Reinforced Grade
				AG20GF
Tensile Strength	kg/cm ² (MPa)	ASTM D-638	23 °C	1100 (108)
Flexural Strength	kg/cm ² (MPa)	ASTM D-790	23 °C	1660 (160)
Flexural Modulus	kg/cm ² (MPa)	ASTM D-790	23 °C	69510 (6812)
Rockwell Hardness	R-scale	ASTM D-785	23 °C	R-117
Izod Impact Strength	kg-cm/cm (J/m)	ASTM D-256	23 °C 1/4"	8.7 (85)
Vicat Softening Point	°C	ASTM D-1525	1Kg load	107
Heat Deflection Temperature	°C	ASTM D-648	Unannealed 18.6 kg/cm ² (1/4"bar)	100
			Annealed (80°C×8hr)	105
Melt Flow Index	g/10 min	ASTM D-1238	200°C×5kg (49N)	—
			240°C×10kg (98N)	15
Molding Shrinkage	%	ASTM D-955	3.2mm	0.2~0.4
Specific Gravity		ASTM D-792	23°C/23°C	1.19
Flammability		UL-94	File No. E162823	1.5-1.7mm HB All Color
CHARACTERISTICS	Dimensional stability high heat resistant			

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

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