

TAIRILAC ABS resin consolidated property data sheet:

Property	Unit	Test Method	Test Condition	AG15A1
Tensile Strength	kg/cm ² (MPa)	ASTM D-638 (ISO527)	23°C	510 (50)
Flexural Strength	kg/cm ² (MPa)	ASTM D-790 (ISO178)	23°C	850 (84)
Flexural Modulus	kg/cm ² (MPa)	ASTM D-790 (ISO178)	23°C	27000 (2650)
Rockwell Hardness	R-Scale	ASTM D-785 (ISO2039/2)	23°C	R-110
Izod Impact Strength	kg-cm/cm (J/m)	ASTM D-256 (ISO R180)	23°C 1/4" bar	20 (196)
Vicat Softening Temperature	°C	ASTM D-1525 (ISO 306)	1Kg load	104
Heat Deflection Temperature	°C	ASTM D-648 (ISO 75/A)	Unannealed 18.6kg/cm ² (1/2" bar)	89
			Annealed (80°C×8Hr)	101
Melt Flow Index	g/10 min	ASTM D-1238 (ISO1133)	200°C×5Kg (49N)	1.6
			220°C×10Kg (98N)	17
Molding Shrinkage	%	FCFC Method	23°C	0.4~0.7
Specific Gravity		ASTM D-792 (ISO1183)	23°C/23°C	1.05
Flammability		UL-94	FILE NO. E162823	1/16" HB All Color

The above typical data is supplied only for technical information and may be changed without prior notice.