



TAIRILAC[®] ABS RESIN

Property	Unit	Test Method	Test Condition	High Flow Grade
				AF3500
Tensile Strength	kg/cm ² (Mpa)	ASTM D-638 (ISO 527)	23 °C	400 (39)
Flexural Strength	kg/cm ² (Mpa)	ASTM D-790 (ISO 178)	23 °C	680 (67)
Flexural Modulus	kg/cm ² (Mpa)	ASTM D-790 (ISO 178)	23 °C	22000 (2160)
Rockwell Hardness	R-scale	ASTM D-785 (ISO 2039/2)	23 °C	R-101
Izod Impact Strength	kg-cm/cm (J/m)	ASTM D-256 (ISO R180)	23 °C 1/4"	30 (294)
Vicat Softening Point	°C	ASTM D-1525 (ISO 306)	1Kg load	99
Heat Deflection Temperature	°C	ASTM D-648 (ISO 75/A)	Unannealed 18.6 kg/cm ² (1/2"bar)	84
			Annealed (80°C×8hr)	94
Melt Flow Index	g/10 min	ASTM D-1238 (ISO 1133)	200°C×5kg(49N)	5
			220°C×10kg(98N)	50
Specific Gravity		ASTM D-792 (ISO 1183)	23°C/23°C	1.04
Flammability		UL-94	File No. E162823	1.5mm HB All Color
CHARACTERISTICS	High flow, High impact			

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

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