



TAIRILAC[®] ABS RESIN

Property	Unit	Test Method	Test Condition	Self Extinguishing Grade
				ANC100
Tensile Strength	kg/cm ² (Mpa)	ASTM D-638 (ISO 527)	23 °C	390 (38)
Flexural Strength	kg/cm ² (Mpa)	ASTM D-790 (ISO 178)	23 °C	620 (61)
Flexural Modulus	kg/cm ² (Mpa)	ASTM D-790 (ISO 178)	23 °C	24000 (2350)
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"	18 (176)
Vicat Softening Point	°C	ASTM D-1525 (ISO 306)	1Kg load	84
Heat Deflection Temperature	°C	ASTM D-648 (ISO 75/A)	Unannealed 18.6 kg/cm ² (1/2"bar)	78
			Annealed (80°C×8hr)	90
Melt Flow Index	g/10 min	ASTM D-1238 (ISO 1133)	200°C×5kg(49N)	5.5
			220°C×10kg(98N)	0
Specific Gravity		ASTM D-792 (ISO 1183)	23°C/23°C	1.21
Flammability		UL-94	File No. E162823	2.3mm 5VA 1.5mm V-0
CHARACTERISTICS	Flame retardant			

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

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