



TAIRILAC[®] ABS RESIN

Property	Unit	Test Method	Test Condition	Self Extinguishing Grade
				ANC120
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	650 (64)
Flexural Modulus	kg/cm ² (Mpa)	ASTM D-790 (ISO 178)	23 °C	25500 (2500)
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"	22 (216)
Vicat Softening Point	°C	ASTM D-1525 (ISO 306)	1Kg load	87
Heat Deflection Temperature	°C	ASTM D-648 (ISO 75/A)	Unannealed 18.6 kg/cm ² (1/4" bar)	74 [®]
			Annealed (80°C × 8hr)	86
Melt Flow Index	g/10 min	ASTM D-1238 (ISO 1133)	200°C × 5kg (49N)	5
			220°C × 10kg (98N)	0
Specific Gravity		ASTM D-792 (ISO 1183)	23°C/23°C	1.19
Flammability		UL-94	File No. E162823	2.3mm 5VB 2.3mm V-0 All Color
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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