


TAIRILAC® ABS RESIN

Property	Unit	Test Method	Test Condition	Extrusion Grade
				AG100H
Tensile Strength	kg/cm ² (Mpa)	ASTM D-638 (ISO 527)	23 °C	370 (37)
Flexural Strength	kg/cm ² (Mpa)	ASTM D-790 (ISO 178)	23 °C	630 (62)
Flexural Modulus	kg/cm ² (Mpa)	ASTM D-790 (ISO 178)	23 °C	19500 (1911)
Rockwell Hardness	R-scale	ASTM D-785 (ISO 2039/2)	23 °C	R-96
Izod Impact Strength	kg-cm/cm (J/m)	ASTM D-256 (ISO R180)	23 °C 1/4"	36 (353)
Izod Impact Strength	kg-cm/cm (J/m)	ASTM D-256 (ISO R180)	-30 °C 1/4"	26 (255)
Vicat Softening Point	°C	ASTM D-1525 (ISO 306)	1Kg load	100
Heat Deflection Temperature	°C	ASTM D-648 (ISO 75/A)	Unannealed 18.6 kg/cm ² (1/2"bar)	85
			Annealed (80°C×8hr)	95
Melt Flow Index	g/10 min	ASTM D-1238 (ISO 1133)	200°C×5kg (49N)	0.85
			220°C×10kg (98N)	9
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	Super High impact with Good low temp. impact property			

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

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