



TAIRILAC® ABS RESIN

Property	Unit	Test Method	Test Condition	Extrusion Grade
				AG10NP-N
Tensile Strength	kg/cm ² (Mpa)	ASTM D-638 (ISO 527)	23 °C	365 (36)
Flexural Strength	kg/cm ² (Mpa)	ASTM D-790 (ISO 178)	23 °C	640 (54)
Flexural Modulus	kg/cm ² (Mpa)	ASTM D-790 (ISO 178)	23 °C	21000 (1800)
Rockwell Hardness	R-scale	ASTM D-785 (ISO 2039/2)	23 °C	R-94
Izod Impact strength	kg-cm/cm (kJ/m ²)	ASTM D-256 (ISO 180)	23 °C 1/4" 23 °C 4 mm	46 (46)
Vicat Softening Point	°C	ASTM D-1525 (ISO 306)	50N	88
Heat Deflection	°C	ASTM D-648	Unannealed 1.8Mpa 1/4" · 120 °C / h	85
			Annealed 1.8Mpa 1/4" · 120 °C / h	91
Melt Flow Index	g/10 min	ASTM D-1238 (ISO 1133)	220°C×10kg(98N)	5.5
			200°C×5kg(49N)	—
Specific Gravity		ASTM D-792	23 °C/23 °C	1.03
Flammability		UL-94	File No. E162823	1.5mm HB All Color
Characteristics	Extrusion molding, Super high impact, High rigid			

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

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