



TAIRILAC® ABS RESIN

Property	Unit	Test Method	Test Condition	General Purpose Grade
				AG12A1-H
Tensile Strength	kg/cm ² (Mpa)	ASTM D-638 (ISO 527)	23 °C	420 (42)
Flexural Strength	kg/cm ² (Mpa)	ASTM D-790 (ISO 178)	23 °C	770 (67)
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-107
Izod Impact strength	kg-cm/cm (kJ/m ²)	ASTM D-256 (ISO 180)	23 °C 1/4" 23 °C 4 mm	31 (26)
Vicat Softening Point	°C	ASTM D-1525 (ISO 306)	50N	89
Heat Deflection	°C	ASTM D-648	Unannealed 1.8Mpa 1/4" · 120 °C / h	84
			Annealed 1.8Mpa 1/4" · 120 °C / h	91
Melt Flow Index	g/10 min	ASTM D-1238 (ISO 1133)	220°C×10kg(98N)	20
			200°C×5kg(49N)	2.0
Specific Gravity		ASTM D-792	23 °C/23 °C	1.04
Flammability		UL-94	File No. E162823	1.5mm HB All Color
Characteristics	High impact High gloss			

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

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