



**TAIRILAC<sup>®</sup> ABS RESIN**

Property	Unit	Test Method	Test Condition	Jet Black General Grade
				<b>AG15AB</b>
Tensile Strength	kg/cm <sup>2</sup> (Mpa)	ASTM D-638 ( ISO 527)	23 °C	470 (46)
Flexural Strength	kg/cm <sup>2</sup> (Mpa)	ASTM D-790 ( ISO 178 )	23 °C	790 (77)
Flexural Modulus	kg/cm <sup>2</sup> (Mpa)	ASTM D-790 ( ISO 178 )	23 °C	27000 (2650)
Rockwell Hardness	R-scale	ASTM D-785 (ISO 2039/2)	23 °C	R-110
Izod Impact Strength	kg-cm/cm (J/m)	ASTM D-256 (ISO R180)	23 °C 1/4"	15 (147)
Vicat Softening Point	°C	ASTM D-1525 (ISO 306)	1Kg load	102
Heat Deflection Temperature	°C	ASTM D-648 (ISO 75/A)	Unannealed 18.6 kg/cm <sup>2</sup> (1/2"bar)	86
			Annealed (80°C×8hr)	96
Melt Flow Index	g/10 min	ASTM D-1238 (ISO 1133)	200°C×5kg(49N)	2.4
			220°C×10kg(98N)	24
Specific Gravity		ASTM D-792 (ISO 1183)	23°C/23°C	1.05
Flammability		UL-94	File No. E162823	1.5mm HB Black Color
CHARACTERISTICS	Jet black, 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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