


FORMOSA CHEMICALS & FIBRE CORPORATION
TAIRILAC[®] ABS RESIN

Property	Unit	Test Method	Test Condition	Jet Black Extrusion Grade
				AE10EP
Tensile Strength	kg/cm ² (MPa)	ASTM D-638	23 °C	370 (36)
Flexural Strength	kg/cm ² (MPa)	ASTM D-790	23 °C	630 (62)
Flexural Modulus	kg/cm ² (MPa)	ASTM D-790	23 °C	20000 (1960)
Rockwell Hardness	R-scale	ASTM D-785	23 °C	R-96
Izod Impact Strength	kg-cm/cm (J/m)	ASTM D-256	23 °C 1/4"	41 (406)
Vicat Softening Point	°C	ASTM D-1525	1Kg load	106
Heat Deflection Temperature	°C	ASTM D-648	Unannealed 18.6 kg/cm ² (1/4" bar)	86
			Annealed (80°C × 8hr)	96
Melt Flow Index	g/10 min	ASTM D-1238	200°C × 5kg (49N)	—
			220°C × 10kg (98N)	5.7
Molding Shrinkage	%	ASTM D-955	3.2mm	0.4~0.7
Specific Gravity		ASTM D-792	23°C/23°C	1.05
Flammability		UL-94	File No. E162823	
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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