


Formosa Chemicals Industries (Ningbo) Corporation
TAIRILAC® ABS RESIN

Property	Unit	Test Method	Test Condition	Jet Black Grade
				AF3538
Tensile Strength	kg/cm ² (Mpa)	ASTM D-638 (ISO 527)	23 °C	440 (44)
Flexural Strength	kg/cm ² (Mpa)	ASTM D-790 (ISO 178)	23 °C	725 (62)
Flexural Modulus	kg/cm ² (Mpa)	ASTM D-790 (ISO 178)	23 °C	23000 (2150)
Rockwell Hardness	R-scale	ASTM D-785 (ISO 2039/2)	23 °C	R-107
Izod Impact Strength	kg-cm/cm (J/m)	ASTM D-256 (ISO 180)	23 °C 1/4"	18 (18)
Vicat Softening Point	°C	ASTM D-1525 (ISO 306)	50N	91
Heat Deflection Temperature	°C	ASTM D-648 (ISO 75/A)	Unannealed, 1.8Mpa 1/4" 厚, 120°C/h	85
			Annealed, 1.8Mpa 1/4" 厚, 120°C/h	93
Melt Flow Index	g/10 min	ASTM D-1238 (ISO 1133)	220°C × 10kg (98N)	35
			200°C × 5kg (49N)	—
Specific Gravity		ASTM D-792 (ISO 1183)	23°C/23°C	1.04
Flammability		UL-94	File No. E162823	1.5mm HB Black Color
CHARACTERISTICS	Jet black High flow			

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

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