



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 (45)
Flexural Strength	kg/cm ² (Mpa)	ASTM D-790 (ISO 178)	23 °C	800 (71)
Flexural Modulus	kg/cm ² (Mpa)	ASTM D-790 (ISO 178)	23 °C	23000 (2400)
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	18 (21)
Vicat Softening Point	°C	ASTM D-1525 (ISO 306)	50N	90
Heat Deflection	°C	ASTM D-648	Unannealed 1.8Mpa 1/4" · 120 °C / h	87
			Annealed 1.8Mpa 1/4" · 120 °C / h	92
Melt Flow Index	g/10 min	ASTM D-1238 (ISO 1133)	220°C×10kg(98N)	34
			200°C×5kg(49N)	2.9
Specific Gravity		ASTM D-792	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.

Formosa Chemicals Industries (Ningbo) Co., Ltd.

TEL: (0574) 86028116/86028186 /

FAX: (0574) 86029999-2116/2186

Address: FPG Ningbo Industrial Park Beliu Ningbo, China Website:

<https://en.fcfc-plastics.com/>



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