



**TAIRILAC<sup>®</sup> ABS RESIN**

Property	Unit	Test Method	Test Condition	High Flow Grade
				<b>AF3535</b>
Tensile Strength	kg/cm <sup>2</sup> (Mpa)	ASTM D-638 ( ISO 527)	23 °C	440 (43)
Flexural Strength	kg/cm <sup>2</sup> (Mpa)	ASTM D-790 ( ISO 178 )	23 °C	740 (73)
Flexural Modulus	kg/cm <sup>2</sup> (Mpa)	ASTM D-790 ( ISO 178 )	23 °C	25000 (2450)
Rockwell Hardness	R-scale	ASTM D-785 (ISO 2039/2)	23 °C	R-105
Izod Impact Strength	kg-cm/cm (J/m)	ASTM D-256 (ISO R180)	23 °C 1/4"	21 (206)
Vicat Softening Point	°C	ASTM D-1525 (ISO 306)	1Kg load	100
Heat Deflection Temperature	°C	ASTM D-648 (ISO 75/A)	Unannealed 18.6 kg/cm <sup>2</sup> (1/4"bar)	84
			Annealed (80°C×8hr)	94
Melt Flow Index	g/10 min	ASTM D-1238 (ISO 1133)	200°C×5kg(49N)	4.2
			220°C×10kg(98N)	42
Specific Gravity		ASTM D-792 (ISO 1183)	23°C/23°C	1.04
Flammability		UL-94	File No. E162823	1.5mm HB All Color
CHARACTERISTICS	High flow, High impact			

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

**Formosa Chemicals & Fibre Corp. Plastics Div.**

TEL: +886-2-27122211 / FAX: +886-2-27131649 /

Address: No.201, Dunhua N. Rd., Songshan Dist., Taipei City 105, Taiwan

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



**台塑關係企業**  
FORMOSA PLASTICS GROUP

