



TAIRILITE® PC Resin

Property	Unit	Test Method	Test Condition	Self Extinguishing Grade
				AC3910-AF
Tensile Strength	kg/cm ² (Mpa)	ASTM D-638 (ISO 527)	23 °C	560 (55)
Flexural Strength	kg/cm ² (Mpa)	ASTM D-790 (ISO 178)	23 °C	980 (96)
Flexural Modulus	kg/cm ² (MPa)	ASTM D-790 (ISO 178)	23 °C	26000 (2549)
Rockwell Hardness	R-scale	ASTM D-785 (ISO 2039/2)	23 °C	R-118
Izod Impact Strength	kg-cm/cm (J/m)	ASTM D-256 (ISO R180)	23 °C 1/8" bar	46 (451)
Heat Deflection Temperature	°C	ASTM D-648 (ISO 75/A)	Unannealed 18.6 kg/cm ² (1.8MPa) 1/8" bar	106
Melt Flow Index	g/10 min	ASTM D-1238 (ISO 1133)	300°Cx1.2kg	28
Specific Gravity		ASTM D792 (ISO 1183)	23 °C / 23 °C	1.38
Molding Shrinkage	%	ASTM D-955 (ISO 2577)	3.2mm	0.5-0.6
Flammability		UL-94	File No. E162823	1.5mm V0
CHARACTERISTICS	White color High shielding Flame retardant Cl、Br、Sb free			

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

