

PC FC-10C

GRS Post-Consumer-Recycled PC Certification.

Application-Compounding PC alloy for electronic products, home appliance.

性質 PROPERTIES		測試條件 CONDITION	測試方法 METHOD	單位 UNIT	數據 RESULT
熱性質	THERMAL				
熔融指數	Melt Flow Index	300°C*1.2kg	ASTM D1238	g/10min	10
熱變形溫度	Heat Distortion Temp.	1.82 Mpa	ASTM D638	°C	≥120
機械特性	MECHANICAL				
抗張強度	Tensile Strength	5.00 cm/min	ASTM D638	MPa(kg/cm²)	≥55(560)
延伸率	Tensile Elongation	5.00 cm/min	ASTM D638	%	≥50
彎曲強度	Flexural Strength	3.00 cm/min	ASTM D790	MPa(kg/cm²)	≥80(800)
彎曲彈性係數	Flexural Modulus	3.00 cm/min	ASTM D790	MPa(kg/cm²)	≥2200(22000)
衝擊強度	IZOD Impact Strength	3.2 mm/23°C	ASTM D256	J/M(Kg/cm-cm)	≥490(50)
硬度	Hardness		ASTM D2240	Shore D	≥D-80
其他	OTHER				
灰份	Ash Content	800°C	ASTM D2584	%	≤0.1
比重	Specific Gravity	23°C	ASTM D792	g/cm³	1.195
含水率	Moisture Absorption	23°C	ASTM D570	%	≤0.3

These are typical properties only and are not to be constructed as specification.
Users should confirm results be their own tests.



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