

C1100

(PC+ABS)

Cheng Yu Plastic Company Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	20	g/10min	ASTM D 1238
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	54	MPa	ASTM D 638
Flexural Strength	90	MPa	ASTM D 790
Rockwell Hardness	M 120	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	>1E15	Ohm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1120	kg/m ³	ASTM D 792

Characteristics**Special Characteristics**

High impact or impact modified, Heat stabilized or stable to heat

Regional Availability

Asia Pacific

Applications

Electrical and Electronical