

NG1100S

PA66-GF10

Cheng Yu Plastic Company Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.007	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.013	mm/mm	ASTM D 955
Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	100	MPa	ASTM D 638
Elongation at Break	2.3	%	ASTM D 638
Flexural Strength	135	MPa	ASTM D 790
Rockwell Hardness	M 95	-	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			
Dielectric Constant, 60 Hz	3.5	-	ASTM D 150
Surface Resistivity	>1E15	Ohm	ASTM D 257
Other properties	Value	Unit	Test Standard
Density	1200	kg/m ³	ASTM D 792

Characteristics**Regional Availability**

Asia Pacific