

NG1500S

PA66-GF50

Cheng Yu Plastic Company Ltd.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|---------------|-------------|----------------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.0025 | mm/mm | ASTM D 955 |
| Mold Shrinkage, TD | 0.0085 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Tensile Strength | 240 | MPa | ASTM D 638 |
| Elongation at Break | 2.5 | % | ASTM D 638 |
| Flexural Strength | 265 | MPa | ASTM D 790 |
| Rockwell Hardness | M 97 | - | 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 | 1550 | kg/m ³ | ASTM D 792 |

Characteristics**Regional Availability**

Asia Pacific