

**N6CV2**

PA6-MX20

Cheng Yu Plastic Company Ltd.

| Processing/Physical Characteristics | Value | Unit  | Test Standard |
|-------------------------------------|-------|-------|---------------|
| <b>ASTM Data</b>                    |       |       |               |
| Mold Shrinkage, MD                  | 0.012 | mm/mm | ASTM D 955    |

| Mechanical properties | Value | Unit | Test Standard |
|-----------------------|-------|------|---------------|
| <b>ASTM Data</b>      |       |      |               |
| Tensile Strength      | 75    | MPa  | ASTM D 638    |
| Flexural Strength     | 125   | MPa  | ASTM D 790    |
| Rockwell Hardness     | M 93  | -    | ASTM D 785    |

| Thermal properties | Value | Unit | Test Standard |
|--------------------|-------|------|---------------|
| <b>ASTM Data</b>   |       |      |               |
| UL 94 Flame rating | V-0   | -    | UL 94         |
| Thickness tested   | 1.5   | mm   | -             |

| Electrical properties      | Value | Unit | Test Standard |
|----------------------------|-------|------|---------------|
| <b>ASTM Data</b>           |       |      |               |
| Dielectric Constant, 60 Hz | 3.5   | -    | ASTM D 150    |
| Surface Resistivity        | >1E15 | Ohm  | ASTM D 257    |

| Other properties | Value | Unit              | Test Standard |
|------------------|-------|-------------------|---------------|
| Density          | 1370  | kg/m <sup>3</sup> | ASTM D 792    |

**Characteristics****Special Characteristics**

Flame retardant

**Regional Availability**

Asia Pacific