

Polycarbonate SP910 Utility Black

PC

Shuman Plastics, Inc.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|---------|---------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 20 | g/10min | ASTM D 1238 |

| Mechanical properties | Value | Unit | Test Standard |
|-----------------------------|-------|------|---------------|
| ASTM Data | | | |
| Tensile Strength | 65.5 | MPa | ASTM D 638 |
| Rockwell Hardness | M 70 | - | ASTM D 785 |
| Izod Impact notched, 1/8 in | 641 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|--------------------|-------|------|---------------|
| ASTM Data | | | |
| UL 94 Flame rating | V-2 | - | UL 94 |
| Thickness tested | 1.57 | mm | - |
| DTUL @ 264 psi | 128 | °C | ASTM D 648 |
| Vicat Temperature | 154 | °C | ASTM D 1525 |

| Other properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|---------------|
| Density | 1200 | kg/m ³ | ASTM D 792 |

Characteristics

Delivery form

Pellets, Black

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

High impact or impact modified, U.V. stabilized or stable to weather