

DIC-PPS CZ-1130

PPS-CF30

DIC Trading (USA) Inc.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------------|----------------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.001 | mm/mm | ASTM D 955 |
| Mold Shrinkage, TD | 0.01 | mm/mm | ASTM D 955 |
| Mechanical properties | | | |
| ASTM Data | | | |
| Tensile Modulus | 22000 | MPa | ASTM D 638 |
| Tensile Strength | 200 | MPa | ASTM D 638 |
| Elongation at Break | 1.2 | % | ASTM D 638 |
| Compressive Strength | 240 | MPa | ASTM D 695 |
| Flexural Modulus | 20000 | MPa | ASTM D 790 |
| Flexural Strength | 290 | MPa | ASTM D 790 |
| Rockwell Hardness | R 121 | - | ASTM D 785 |
| Izod Impact notched, 1/8 in | 65 | J/m | ASTM D 256 |
| Izod Impact unnotched, 1/8 in | 370 | J/m | ASTM D 256 |
| Thermal properties | | | |
| ASTM Data | | | |
| UL 94 Flame rating | V-0 | - | UL 94 |
| Thickness tested | 0.8 | mm | - |
| Coefficient of Thermal Expansion, MD | 14 | E-6/K | ASTM D 696 |
| DTUL @ 264 psi | 265 | °C | ASTM D 648 |
| Electrical properties | | | |
| ASTM Data | | | |
| Volume Resistivity | 1000 | Ohm*cm | ASTM D 257 |
| Other properties | | | |
| Water Absorption, 24hr | 0.02 | % | ASTM D 570 |
| Density | 1450 | kg/m ³ | ASTM D 792 |

Characteristics**Delivery form**

Black

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

Increased electrical conductivity