

Witcom PPS/2C

PPS-CF10

Wittenburg B.V.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|------|-----------------|
| ISO Data | | | |
| Molding shrinkage, parallel | 0.8 | % | ISO 294-4, 2577 |

| Mechanical properties | Value | Unit | Test Standard |
|-------------------------------------|-------|-------------------|---------------|
| ISO Data | | | |
| Tensile Strength | 110 | MPa | ISO 527 |
| Strain at break | 1.5 | % | ISO 527 |
| Flexural modulus, 23°C | 9300 | MPa | ISO 178 |
| Flexural strength | 155 | MPa | ISO 178 |
| Izod impact strength, +23°C | 25 | kJ/m ² | ISO 180/1U |
| Izod notched impact strength, +23°C | 5 | kJ/m ² | ISO 180/1A |

| Thermal properties | Value | Unit | Test Standard |
|---|-------|-------|-----------------|
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 250 | °C | ISO 75-1/-2 |
| Coeff. of linear therm. expansion, parallel | 30 | E-6/K | ISO 11359-1/-2 |
| Burning behav. at thickness h | V-0 | class | IEC 60695-11-10 |
| Thickness tested | 3.0 | mm | - |

| Electrical properties | Value | Unit | Test Standard |
|-----------------------|---------|--------|---------------|
| ASTM Data | | | |
| Surface Resistivity | 1000000 | Ohm | ASTM D 257 |
| Volume Resistivity | 1000000 | Ohm*cm | ASTM D 257 |

| Other properties | Value | Unit | Test Standard |
|---------------------|-------|-------------------|----------------|
| Water absorption | 0.07 | % | Sim. to ISO 62 |
| Humidity absorption | 0.04 | % | Sim. to ISO 62 |
| Density | 1370 | kg/m ³ | ISO 1183 |

Characteristics**Special Characteristics**

Increased electrical conductivity

Regional Availability

Europe