

TechnoFin PP T 10 black

PP-X10

TechnoCompound GmbH

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|------------------------|---------------|
| ISO Data | | | |
| Melt volume-flow rate, MVR | 40 | cm ³ /10min | ISO 1133 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |

| Mechanical properties | Value | Unit | Test Standard |
|---------------------------------------|-------|-------------------|---------------|
| ISO Data | | | |
| Tensile Modulus | 1900 | MPa | ISO 527 |
| Yield stress | 30 | MPa | ISO 527 |
| Yield strain | 6.5 | % | ISO 527 |
| Stress at break | 31 | MPa | ISO 527 |
| Strain at break | 11 | % | ISO 527 |
| Flexural modulus, 23°C | 2120 | MPa | ISO 178 |
| Flexural strength | 45 | MPa | ISO 178 |
| Charpy impact strength, +23°C | 35 | kJ/m ² | ISO 179/1eU |
| Charpy impact strength, -30°C | 18.1 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 2.3 | kJ/m ² | ISO 179/1eA |
| Charpy notched impact strength, -30°C | 1.42 | kJ/m ² | ISO 179/1eA |
| Ball indentation hardness | 52 | MPa | ISO 2039-1 |

| Thermal properties | Value | Unit | Test Standard |
|--|-------|------|---------------|
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 64 | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 113 | °C | ISO 75-1/-2 |

| Electrical properties | Value | Unit | Test Standard |
|-----------------------|-------|------|---------------|
| ISO Data | | | |
| Surface resistivity | 1E13 | Ohm | IEC 62631-3-2 |

| Other properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|---------------|
| Density | 960 | kg/m ³ | ISO 1183 |

Characteristics**Delivery form**

Black

Regional Availability

North America, Europe