

DURAFIDE® 6150T73

PPS-(GF+MD)50

Polyplastics

| Mechanical properties | Value | Unit | Test Standard |
|---------------------------------------|--------------|-------------------|----------------------|
| ISO Data | | | |
| Tensile Strength | 150 | MPa | ISO 527 |
| Strain at break | 1.8 | % | ISO 527 |
| Flexural modulus, 23°C | 12200 | MPa | ISO 178 |
| Flexural strength | 220 | MPa | ISO 178 |
| Charpy notched impact strength, +23°C | 10.5 | kJ/m ² | ISO 179/1eA |

| Thermal properties | Value | Unit | Test Standard |
|---|--------------|-------------|----------------------|
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 270 | °C | ISO 75-1/-2 |
| Coeff. of linear therm. expansion, parallel | 20 | E-6/K | ISO 11359-1/-2 |
| Coeff. of linear therm. expansion, normal | 40 | E-6/K | ISO 11359-1/-2 |
| Burning behav. at thickness h | V-0 | class | IEC 60695-11-10 |
| Yellow Card available | yes | - | - |

| Electrical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ISO Data | | | |
| Relative permittivity, 1MHz | 4.4 | - | IEC 62631-2-1 |
| Dissipation factor, 1MHz | 60 | E-4 | IEC 62631-2-1 |
| Volume resistivity | 6E13 | Ohm*m | IEC 62631-3-1 |
| Electric strength | 17 | kV/mm | IEC 60243-1 |
| Comparative tracking index | 150 | - | IEC 60112 |
| ASTM Data | | | |
| Arc Resistance | 130 | s | ASTM D 495 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 1710 | kg/m ³ | ISO 1183 |

Characteristics**Special Characteristics**

High impact or impact modified, Heat stabilized or stable to heat

Regional Availability

Asia Pacific