

ESD C 2580 FR

(PC+ABS)

RTP Company

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.001 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Tensile Modulus | 12070 | MPa | ASTM D 638 |
| Tensile Strength | 124 | MPa | ASTM D 638 |
| Flexural Modulus | 10340 | MPa | ASTM D 790 |
| Flexural Strength | 172 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 53.4 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|---------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| UL 94 Flame rating | V-0 | - | UL 94 |
| Thickness tested | 1.59 | mm | - |

| Electrical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Surface Resistivity | 10000 | Ohm | ASTM D 257 |
| Volume Resistivity | 1 | Ohm*cm | ASTM D 257 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 1290 | kg/m ³ | ASTM D 792 |
| Moisture Content | 0.02 | % | - |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|--|--------------------|-------------|----------------------|
| Pre-drying - Temperature | 93.3 | °C | - |
| Pre-drying - Time | 4 | h | - |
| Melt temperature | 243 - 274 | °C | - |
| Mold temperature | 51.7 - 93.3 | °C | - |
| Injection pressure | 68.9 - 103 | MPa | - |

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

Increased electrical conductivity, Flame retardant