

ESD A 100 FR

PP

RTP Company

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------------|-------------------|----------------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.0125 | mm/mm | ASTM D 955 |
| Mechanical properties | | | |
| ASTM Data | | | |
| Tensile Modulus | 1517 | MPa | ASTM D 638 |
| Tensile Strength | 15.2 | MPa | ASTM D 638 |
| Flexural Modulus | 1241 | MPa | ASTM D 790 |
| Flexural Strength | 29.6 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 53.4 | J/m | ASTM D 256 |
| Thermal properties | | | |
| ASTM Data | | | |
| UL 94 Flame rating | V-0 | - | UL 94 |
| Thickness tested | 1.59 | mm | - |
| Electrical properties | | | |
| ASTM Data | | | |
| Surface Resistivity | 9.9E11 | Ohm | ASTM D 257 |
| Volume Resistivity | 9.9E9 | Ohm*cm | ASTM D 257 |
| Other properties | | | |
| Density | 1300 | kg/m ³ | ASTM D 792 |
| Processing Recommendation Injection Molding | | | |
| Pre-drying - Temperature | 79.4 | °C | - |
| Pre-drying - Time | 2 | h | - |
| Melt temperature | 191 - 232 | °C | - |
| Mold temperature | 32.2 - 65.6 | °C | - |
| Injection pressure | 68.9 - 103 | MPa | - |

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

Anti-static, Flame retardant