

LubriOne™ PS-30CF/15T BK701

(PBT+PTFE)-CF30

Avient Corporation

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.004 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Tensile Strength | 130 | MPa | ASTM D 638 |
| Flexural Modulus | 17000 | MPa | ASTM D 790 |
| Flexural Strength | 230 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 75 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|---------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| UL 94 Flame rating | HB | - | UL 94 |
| Thickness tested | 1.6 | mm | - |
| DTUL @ 264 psi | 215 | °C | ASTM D 648 |

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

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 1500 | kg/m ³ | ASTM D 792 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|--|------------------|-------------|----------------------|
| Pre-drying - Temperature | 110 - 130 | °C | - |
| Pre-drying - Time | 4 - 6 | h | - |
| Mold temperature | 75 - 95 | °C | - |
| Zone 1 | 240 - 270 | °C | - |
| Zone 2 | 240 - 270 | °C | - |
| Zone 3 | 240 - 270 | °C | - |

Characteristics**Processing**

Injection Molding

Additives

Lubricants

Delivery form

Black

Regional Availability

Asia Pacific