

LubriOne™ SF-30CF/15T BLACK

(PPS+PTFE)-CF30

Avient Corporation

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|---------|-------|---------------|
| ASTM Data | | | |
| Mold Shrinkage, MD | 0.00125 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|-----------------------------|-------|------|---------------|
| ASTM Data | | | |
| Tensile Modulus | 13500 | MPa | ASTM D 638 |
| Tensile Strength | 138 | MPa | ASTM D 638 |
| Elongation at Break | 2 | % | ASTM D 638 |
| Flexural Modulus | 15000 | MPa | ASTM D 790 |
| Flexural Strength | 210 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 70 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|--------------------|-------|------|---------------|
| ASTM Data | | | |
| DTUL @ 264 psi | 260 | °C | ASTM D 648 |

| Electrical properties | Value | Unit | Test Standard |
|-----------------------|-------|------|---------------|
| ASTM Data | | | |
| Surface Resistivity | 1000 | Ohm | ASTM D 257 |

| Other properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|---------------|
| Density | 1520 | kg/m ³ | ASTM D 792 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|-----------|------|---------------|
| Pre-drying - Temperature | 140 - 150 | °C | - |
| Pre-drying - Time | 4 - 6 | h | - |
| Mold temperature | 140 - 160 | °C | - |
| Zone 1 | 320 - 330 | °C | - |
| Zone 2 | 320 - 330 | °C | - |
| Zone 3 | 320 - 330 | °C | - |

Characteristics**Processing**

Injection Molding

Additives

Lubricants

Delivery form

Black

Regional Availability

Asia Pacific