

**LUVOCOM 1301-8386**

(PPS+PTFE)-AF

LEHVOSS Group

| Processing/Physical Characteristics | Value | Unit | Test Standard   |
|-------------------------------------|-------|------|-----------------|
| <b>ISO Data</b>                     |       |      |                 |
| Molding shrinkage, parallel         | 0.6   | %    | ISO 294-4, 2577 |

| Mechanical properties         | Value | Unit              | Test Standard |
|-------------------------------|-------|-------------------|---------------|
| <b>ISO Data</b>               |       |                   |               |
| Tensile Modulus               | 6000  | MPa               | ISO 527       |
| Tensile Strength              | 70    | MPa               | ISO 527       |
| Flexural modulus, 23°C        | 5000  | MPa               | ISO 178       |
| Charpy impact strength, +23°C | 12    | kJ/m <sup>2</sup> | ISO 179/1eU   |

| Electrical properties | Value | Unit | Test Standard |
|-----------------------|-------|------|---------------|
| <b>ISO Data</b>       |       |      |               |
| Surface resistivity   | 1E13  | Ohm  | IEC 62631-3-2 |

| Other properties | Value | Unit              | Test Standard |
|------------------|-------|-------------------|---------------|
| Density          | 1470  | kg/m <sup>3</sup> | ISO 1183      |

| Processing Recommendation Injection Molding | Value     | Unit | Test Standard |
|---|-----------|------|---------------|
| Pre-drying - Temperature                    | 100 - 140 | °C   | -             |
| Pre-drying - Time                           | 2 - 4     | h    | -             |
| Melt temperature                            | 330       | °C   | -             |
| Mold temperature                            | 150 - 180 | °C   | -             |
| Zone 1                                      | 300 - 320 | °C   | -             |
| Zone 2                                      | 310 - 330 | °C   | -             |
| Zone 3                                      | 320 - 340 | °C   | -             |
| Nozzle temperature                          | 320 - 340 | °C   | -             |

**Characteristics****Processing**

Injection Molding

**Features**

Low Warpage, Tribologic Grade

**Applications**

Automotive, IT / Business Machine, Medical

**Regional Availability**

North America, Europe, Asia Pacific