

**LUVOCOM 1301-9126**

(PPS+PTFE)-CF

LEHVOSS Group

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Molding shrinkage, parallel	<b>0.3</b>	%	ISO 294-4, 2577

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>10000</b>	MPa	ISO 527
Tensile Strength	<b>86</b>	MPa	ISO 527
Flexural modulus, 23°C	<b>9000</b>	MPa	ISO 178

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>220</b>	°C	ISO 75-1/-2

<b>Electrical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Surface resistivity	<b>1000000</b>	Ohm	IEC 62631-3-2

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1490</b>	kg/m <sup>3</sup>	ISO 1183

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

**Characteristics****Processing**

Injection Molding

**Additives**

Lubricants

**Special Characteristics**

Increased electrical conductivity, Flame retardant, Heat stabilized or stable to heat

**Features**

Creep Resistance

**Applications**

Automotive, IT / Business Machine, Electrical and Electronical, Medical

**Regional Availability**

North America, Europe, Asia Pacific