

**LUVOCOM 1301-0915**

(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>ISO Data</b>			
Tensile Modulus	<b>13000</b>	MPa	ISO 527
Tensile Strength	<b>125</b>	MPa	ISO 527
Flexural modulus, 23°C	<b>10000</b>	MPa	ISO 178
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>220</b>	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	<b>30</b>	E-6/K	ISO 11359-1/-2
<b>Electrical properties</b>			
<b>ISO Data</b>			
Surface resistivity	<b>10000</b>	Ohm	IEC 62631-3-2
<b>Other properties</b>			
Density	<b>1490</b>	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</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

**Delivery form**

Black

**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