

**LUVOCOM 1850-7784**

(PBT+PTFE)-(GF+GB)

LEHVOSS Group

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.9	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	4600	MPa	ISO 527
Tensile Strength	57	MPa	ISO 527
Flexural modulus, 23°C	4000	MPa	ISO 178
Charpy impact strength, +23°C	28	kJ/m <sup>2</sup>	ISO 179/1eU

Other properties	Value	Unit	Test Standard
Density	1610	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	4 - 6	h	-
Processing humidity	≤0.02	%	-
Melt temperature	250	°C	-
Mold temperature	60 - 120	°C	-
Zone 1	240 - 260	°C	-
Zone 2	260 - 280	°C	-
Zone 3	250 - 270	°C	-
Nozzle temperature	250 - 265	°C	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Black

**Features**

Tribologic Grade

**Applications**

Automotive, IT / Business Machine, Electrical and Electronical

**Regional Availability**

North America, Europe, Asia Pacific