

LUVOCOM 1850-7783 VP

(PBT+PTFE)-GF

LEHVOSS Group

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

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	13000	MPa	ISO 527
Tensile Strength	140	MPa	ISO 527
Flexural modulus, 23°C	11000	MPa	ISO 178
Charpy impact strength, +23°C	45	kJ/m ²	ISO 179/1eU

Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, A	215	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1700	kg/m ³	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

Additives

Lubricants

Features

Tribologic Grade

Applications

Automotive, IT / Business Machine, Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific