

LUVOCOM 19-7669

(PA46+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	10000	MPa	ISO 527
Tensile Strength	150	MPa	ISO 527
Flexural modulus, 23°C	8000	MPa	ISO 178
Charpy impact strength, +23°C	45	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	10	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	285	°C	ISO 75-1/-2
Vicat softening temperature, A	290	°C	ISO 306

Electrical properties	Value	Unit	Test Standard
ISO Data			
Surface resistivity	1E13	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	1500	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 8	h	-
Processing humidity	≤0.1	%	-
Melt temperature	310	°C	-
Mold temperature	90 - 130	°C	-
Zone 1	285 - 315	°C	-
Zone 2	305 - 315	°C	-
Zone 3	305 - 315	°C	-
Nozzle temperature	280 - 330	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Natural Color

Applications

Automotive, IT / Business Machine

Regional Availability

North America, Europe, Asia Pacific