

LUVOCOM 20-7094

(PPA+PTFE)-CF

LEHVOSS Group

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	25000	MPa	ISO 527
Tensile Strength	270	MPa	ISO 527
Flexural modulus, 23°C	21000	MPa	ISO 178
Charpy impact strength, +23°C	55	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	8	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	275	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1440	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	16	h	-
Processing humidity	≤0.05	%	-
Melt temperature	330	°C	-
Mold temperature	135 - 160	°C	-
Zone 1	320 - 340	°C	-
Zone 2	320 - 345	°C	-
Zone 3	325 - 350	°C	-
Nozzle temperature	320 - 330	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Black

Applications

Automotive, IT / Business Machine

Regional Availability

North America, Europe, Asia Pacific