

LUVOCOM 16-8960/ES

PARA-(CF+MEF(x))

LEHVOSS Group

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.4	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	10000	MPa	ISO 527
Tensile Strength	125	MPa	ISO 527
Flexural modulus, 23°C	9000	MPa	ISO 178
Charpy impact strength, +23°C	20	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	19	kJ/m ²	ISO 179/1eU
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	230	°C	ISO 75-1/-2
Electrical properties			
ISO Data			
Surface resistivity	1000	Ohm	IEC 62631-3-2
Other properties			
Density	1410	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	100	°C	-
Pre-drying - Time	6 - 8	h	-
Processing humidity	≤0.1	%	-
Melt temperature	285	°C	-
Mold temperature	110 - 140	°C	-
Zone 1	260 - 300	°C	-
Zone 2	260 - 300	°C	-
Zone 3	260 - 300	°C	-
Nozzle temperature	250 - 290	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Black

Special Characteristics

Increased electrical conductivity

Features

EMI Attenuation/Shielding

Applications

Automotive, IT / Business Machine

Regional Availability

North America, Europe, Asia Pacific