

LUVOCOM 1-0889-5

PA66-(CF+GF)

LEHVOSS Group

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	14000	MPa	ISO 527
Tensile Strength	200	MPa	ISO 527
Flexural modulus, 23°C	12000	MPa	ISO 178
Charpy impact strength, +23°C	65	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	10	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	245	°C	ISO 75-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Electrical properties			
ISO Data			
Surface resistivity	1E9	Ohm	IEC 62631-3-2
Other properties			
Density	1360	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	75	°C	-
Pre-drying - Time	6 - 16	h	-
Processing humidity	≤0.1	%	-
Melt temperature	290	°C	-
Mold temperature	90 - 120	°C	-
Zone 1	290 - 310	°C	-
Zone 2	290 - 310	°C	-
Zone 3	290 - 310	°C	-
Nozzle temperature	280 - 300	°C	-

Characteristics**Processing**

Injection Molding

Applications

Automotive, IT / Business Machine, Electrical and Electronical

Delivery form

Black

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

Increased electrical conductivity, Heat stabilized or stable to heat