

LUVOCOM 3F PAHT 9826 BK

PA*

LEHVOSS Group

Processing/Physical Characteristics	Value	Unit	Test Standard
Other Standards^[5]			
Molding shrinkage, parallel	0.4	%	DIN 16901

S: These properties are reported by the producer according standards that are different to our defaults.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3000	MPa	ISO 527
Tensile Strength	67	MPa	ISO 527
Charpy impact strength, +23°C	74	kJ/m ²	ISO 179/1eU

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	90	°C	ISO 75-1/-2
Other Standards^[5]			
Coeff. of linear therm. expansion, parallel	5	E-6/K	DIN 53752

S: These properties are reported by the producer according standards that are different to our defaults.

Electrical properties	Value	Unit	Test Standard
ISO Data			
Surface resistivity	1E12	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	1200	kg/m ³	ISO 1183

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	130	°C	-
Pre-drying - Time	6 - 8	h	-
Melt temperature	280	°C	-
Zone 1	260 - 300	°C	-
Zone 2	260 - 300	°C	-
Zone 3	260 - 300	°C	-
Nozzle temperature	250 - 290	°C	-

Characteristics**Processing**

Other Extrusion, Additive Manufacturing

Delivery form

Pellets, Black

Special Characteristics

Heat stabilized or stable to heat

Applications

Automotive, Filament for 3D Printing

Regional Availability

North America, Europe, Asia Pacific, South and Central America