

LUVOCOM 70-9046

(PK+PTFE)

LEHVOSS Group

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	5	cm ³ /10min	ISO 1133
Temperature	250	°C	-
Load	5	kg	-
Molding shrinkage, parallel	1.9	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	1400	MPa	ISO 527
Tensile Strength	50	MPa	ISO 527
Flexural modulus, 23°C	1200	MPa	ISO 178
Charpy notched impact strength, +23°C	22	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	100	°C	ISO 75-1/-2
Vicat softening temperature, A	200	°C	ISO 306
Electrical properties			
ISO Data			
Surface resistivity	1E12	Ohm	IEC 62631-3-2
Other properties			
Density	1330	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	1 - 4	h	-
Processing humidity	≤0.02	%	-
Melt temperature	245	°C	-
Mold temperature	60 - 100	°C	-
Zone 1	230 - 250	°C	-
Zone 2	230 - 260	°C	-
Zone 3	240 - 260	°C	-
Nozzle temperature	250 - 265	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Natural Color

Additives

Lubricants

Features

Tribologic Grade

Chemical Resistance

General Chemical Resistance

Regional Availability

North America, Europe, Asia Pacific