

LUVOCOM 1301/GF/30/TF/15

(PPS+PTFE)-GF

LEHVOSS Group

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Thermal conductivity of melt	0.4	W/(m K)	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	11000	MPa	ISO 527
Tensile Strength	130	MPa	ISO 527
Flexural modulus, 23°C	10000	MPa	ISO 178
Charpy notched impact strength, +23°C	12	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	250	°C	ISO 75-1/-2
Vicat softening temperature, A	240	°C	ISO 306
Coeff. of linear therm. expansion, parallel	25	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10

Other properties	Value	Unit	Test Standard
Density	1690	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	100 - 140	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	330	°C	-
Mold temperature	150 - 180	°C	-
Zone 1	300 - 320	°C	-
Zone 2	310 - 330	°C	-
Zone 3	320 - 340	°C	-
Nozzle temperature	320 - 340	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Natural Color

Special Characteristics

Flame retardant, Heat stabilized or stable to heat

Features

Creep Resistance

Chemical Resistance

General Chemical Resistance

Applications

Automotive, IT / Business Machine, Medical

Regional Availability

North America, Europe, Asia Pacific