

LUVOCOM 80-7580

(POM+PTFE)-AF

LEHVOSS Group

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	14	cm ³ /10min	ISO 1133
Temperature	190	°C	-
Load	5	kg	-
Molding shrinkage, parallel	1.8	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2700	MPa	ISO 527
Tensile Strength	45	MPa	ISO 527
Flexural modulus, 23°C	2000	MPa	ISO 178
Charpy notched impact strength, +23°C	2.8	kJ/m ²	ISO 179/1eA

Other properties	Value	Unit	Test Standard
Density	1460	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	75	°C	-
Pre-drying - Time	2 - 8	h	-
Melt temperature	200	°C	-
Mold temperature	80 - 120	°C	-
Zone 1	175 - 190	°C	-
Zone 2	185 - 205	°C	-
Zone 3	180 - 200	°C	-
Nozzle temperature	175 - 200	°C	-

Characteristics**Processing**

Injection Molding

Additives

Lubricants

Features

Tribologic Grade

Applications

Automotive, IT / Business Machine

Regional Availability

North America, Europe, Asia Pacific