

Factor® ADV PA66-LGF60 S11 1-010 - PA66

Description

Long glass fiber reinforced Polyamide with enhanced flow properties, Fiber content 60%, cutting length: 11mm, color: black. Enhanced flow properties for very good surfaces. Application: Injection molding

Physical properties	Value	Unit	Test Standard
Density	1730	kg/m ³	ISO 1183

Mechanical properties	Value	Unit	Test Standard
Tensile modulus	21400	MPa	ISO 527-2/1A
Tensile stress at break, 5mm/min	280	MPa	ISO 527-2/1A
Tensile strain at break, 5mm/min	1.9	%	ISO 527-2/1A
Charpy impact strength, 23°C	100	kJ/m ²	ISO 179/1eU

Thermal properties	Value	Unit	Test Standard
DTUL at 1.8 MPa	235	°C	ISO 75-1, -2

Typical injection moulding processing conditions

Pre Drying	Value	Unit	Test Standard
Drying time	4	h	-
Drying temperature	≥80	°C	-
Temperature	Value	Unit	Test Standard
Feeding zone temperature	270 - 280	°C	-
Zone1 temperature	280	°C	-
Zone2 temperature	280 - 290	°C	-
Zone3 temperature	290 - 300	°C	-
Zone4 temperature	300 - 310	°C	-
Nozzle temperature	310	°C	-
Pressure	Value	Unit	Test Standard
Back pressure max.	30	bar	-
Speed	Value	Unit	Test Standard
Injection speed	slow	-	-

Characteristics

Product Categories	Delivery Form
Glass reinforced	Pellets

Processing

Injection molding