

HOSTAFORM® C 9021 GV3/30 TF2 - POM

Description

Injection molding grade with 30% glass beads, for low warpage parts, slip modified with PTFE

Physical properties	Value	Unit	Test Standard
Density	1630	kg/m ³	ISO 1183
Melt volume rate, MVR	7.5	cm ³ /10min	ISO 1133
MVR temperature	190	°C	ISO 1133
MVR load	2.16	kg	ISO 1133

Mechanical properties	Value	Unit	Test Standard
Tensile modulus	3800	MPa	ISO 527-2/1A
Tensile stress at yield, 50mm/min	38	MPa	ISO 527-2/1A
Tensile strain at yield, 50mm/min	5	%	ISO 527-2/1A
Tensile nominal strain at break, 50mm/min	13	%	ISO 527-2/1A
Charpy notched impact strength, 23 °C	2.5	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
Melting temperature, 10 °C/min	166	°C	ISO 11357-1/-3

Typical injection moulding processing conditions

Pre Drying	Value	Unit	Test Standard
Drying time	3 - 4	h	-
Drying temperature	100 - 120	°C	-

Other text information

Injection molding

Standard injection moulding machines with three phase (15 to 25 D) plasticating screws will fit.

Melt temperature 190-210 °C
Mould temperature 80-120 °C

Characteristics

Product Categories	Delivery Form
Glass reinforced	Pellets
Processing	Additives
Injection molding	Lubricants, Release agent

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General Disclaimer

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