

HOSTAFORM® C 9021 GV3/30 TF2

Glass bead + PTFE

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

Rheological properties

Melt volume-flow rate	7.5 cm ³ /10min	ISO 1133
Temperature	190 °C	
Load	2.16 kg	

Typical mechanical properties

Tensile Modulus	3800 MPa	ISO 527-1/-2
Yield stress, 50mm/min	38 MPa	ISO 527-1/-2
Yield strain, 50mm/min	5 %	ISO 527-1/-2
Nominal strain at break	13 %	ISO 527-1/-2
Charpy notched impact strength, 23°C	2.5 kJ/m ²	ISO 179/1eA

Thermal properties

Melting temperature, 10°C/min	166 °C	ISO 11357-1/-3
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Other properties

Density	1630 kg/m ³	ISO 1183
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Injection

Drying Temperature	100 - 120 °C
Drying Time, Dehumidified Dryer	3 - 4 h

Characteristics

Additives	Release agent
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Additional information

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

Injection molding	Standard injection moulding machines with three phase (15 to 25 D) plasticating screws will fit.
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Injection molding Preprocessing	General drying is not necessary due to low moisture absorption of the resin.
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In case of bad storage conditions (water contact or condensed water)

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the use of a recirculating air dryer (100 to 120 °C / max. 40 mm layer / 3 to 6 hours) is recommended.

Max. Water content 0,2 %

Injection molding Postprocessing

Conditioning e.g. moisturizing is not necessary.

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