

HOSTAFORM® HT130

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HOSTAFORM® HT130 is a super-toughened impact-resistance grade for general injection molding.(Homo-polymer)
 - Designed for highly stressed parts and suitable for applications requiring superior impact resistance and flexibility.

Product information

Resin Identification	POM-HI	ISO 1043
Part Marking Code	>POM-HI<	ISO 11469

Rheological properties

Melt mass-flow rate	2 g/10min	ISO 1133
Melt mass-flow rate, Temperature	190 °C	
Melt mass-flow rate, Load	2.16 kg	

Typical mechanical properties

Tensile stress at yield, 50mm/min	38 MPa	ISO 527-1/-2
Tensile strain at yield, 50mm/min	25 %	ISO 527-1/-2
Nominal strain at break	>50 %	ISO 527-1/-2
Flexural modulus	1250 MPa	ISO 178
Flexural strength	40 MPa	ISO 178
Charpy notched impact strength, 23°C	40 kJ/m ²	ISO 179/1eA

Physical/Other properties

Density	1330 kg/m ³	ISO 1183
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Injection

Drying Recommended	no
Drying Temperature	100 °C
Drying Time, Dehumidified Dryer	3 - 4 h
Processing Moisture Content	≤0.2 %
Melt Temperature Optimum	205 °C
Min. melt temperature	190 °C
Max. melt temperature	220 °C
Screw tangential speed	≤0.3 m/s
Mold Temperature Optimum	70 °C
Min. mould temperature	60 °C
Max. mould temperature	80 °C
Hold pressure range	60 - 120 MPa

Characteristics

Processing	Injection Moulding
Delivery form	Pellets