

HOSTAFORM® C 13021 FC

POM

Celanese

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|---|-------|------------------------|---------------|
| ISO Data | | | |
| ^[C] Melt volume-flow rate, MVR | 13 | cm ³ /10min | ISO 1133 |
| Temperature | 190 | °C | - |
| Load | 2.16 | kg | - |

[C]: CAMPUS

| Mechanical properties | Value | Unit | Test Standard |
|--|-------|-------------------|---------------|
| ISO Data | | | |
| ^[C] Tensile Modulus | 2700 | MPa | ISO 527 |
| ^[C] Yield stress | 64 | MPa | ISO 527 |
| ^[C] Yield strain | 10 | % | ISO 527 |
| ^[C] Nominal strain at break | 30 | % | ISO 527 |
| ^[C] Charpy notched impact strength, +23°C | 6 | kJ/m ² | ISO 179/1eA |

[C]: CAMPUS

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

[C]: CAMPUS

| Other properties | Value | Unit | Test Standard |
|------------------------|-------|-------------------|---------------|
| ^[C] Density | 1410 | kg/m ³ | ISO 1183 |

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Additives

Release agent

Delivery form

Pellets

Features

Copolymer

Other text information**Injection molding**

General drying is not necessary due to low moisture absorption of the resin.

In case of bad storage conditions (water contact or condensed water) 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 %

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

Conditioning e.g. moisturizing is not necessary.