

HOSTAFORM® LM25

POM

Celanese

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|---|-------------|------------------------|---------------|
| ISO Data | | | |
| ^[C] Melt volume-flow rate, MVR | 2.2 | 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 | 2500 | MPa | ISO 527 |
| ^[C] Yield stress | 64 | MPa | ISO 527 |
| ^[C] Yield strain | 12 | % | ISO 527 |
| ^[C] Charpy notched impact strength, +23°C | 5.7 | kJ/m ² | ISO 179/1eA |

[C]: CAMPUS

| Thermal properties | Value | Unit | Test Standard |
|--|------------|-------|----------------|
| ISO Data | | | |
| ^[C] Melting temperature, 10°C/min | 167 | °C | ISO 11357-1/-3 |
| ^[C] Temp. of deflection under load, 1.80 MPa | 98 | °C | ISO 75-1/-2 |
| ^[C] Coeff. of linear therm. expansion, parallel | 110 | E-6/K | ISO 11359-1/-2 |
| ^[C] Coeff. of linear therm. expansion, normal | 110 | E-6/K | ISO 11359-1/-2 |

[C]: CAMPUS

| Other properties | Value | Unit | Test Standard |
|------------------------------------|-------------|-------------------|----------------|
| ^[C] Water absorption | 0.75 | % | Sim. to ISO 62 |
| ^[C] Humidity absorption | 0.2 | % | Sim. to ISO 62 |
| ^[C] Density | 1410 | kg/m ³ | ISO 1183 |

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Features

Copolymer

Delivery form

Pellets

Regional Availability

North America, Europe, South and Central America, Near East/Africa