

**HOSTAFORM® CP15X**

POM

Celanese

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melt volume-flow rate, MVR	1.7	cm <sup>3</sup> /10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-
<sup>[C]</sup> Molding shrinkage, parallel	2.1	%	ISO 294-4, 2577
<sup>[C]</sup> Molding shrinkage, normal	2.0	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	2700	MPa	ISO 527
<sup>[C]</sup> Yield stress	66	MPa	ISO 527
<sup>[C]</sup> Yield strain	12	%	ISO 527
<sup>[C]</sup> Nominal strain at break	40	%	ISO 527

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melting temperature, 10°C/min	167	°C	ISO 11357-1/-3
<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	92	°C	ISO 75-1/-2
<sup>[C]</sup> Coeff. of linear therm. expansion, parallel	100	E-6/K	ISO 11359-1/-2
<sup>[C]</sup> Coeff. of linear therm. expansion, normal	100	E-6/K	ISO 11359-1/-2

[C]: CAMPUS

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Volume resistivity	1E12	Ohm*m	IEC 62631-3-1
<sup>[C]</sup> Surface resistivity	1E14	Ohm	IEC 62631-3-2

[C]: CAMPUS

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

[C]: CAMPUS

**Characteristics****Processing**

Injection Molding, Profile Extrusion

**Delivery form**

Pellets

**Additives**

Release agent

**Features**

Copolymer

**Regional Availability**

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