

HOSTAFORM® TF-10XAP®

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] Molding shrinkage, parallel	2.1	%	ISO 294-4, 2577
^[C] Molding shrinkage, normal	1.9	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	1750	MPa	ISO 527
^[C] Yield stress	49	MPa	ISO 527
^[C] Yield strain	13	%	ISO 527
^[C] Charpy notched impact strength, +23°C	10	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	7	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties

	Value	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	165	°C	ISO 11357-1/-3
^[C] Temp. of deflection under load, 1.80 MPa	75	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	139	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties

	Value	Unit	Test Standard
^[C] Density	1380	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Features

Low Emission, Copolymer

Delivery form

Pellets

Regional Availability

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