



# Hostaform® EC270TX

Celanese Corporation - Acetal (POM) Copolymer

Saturday, November 2, 2019

## General Information

### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• Latin America
RoHS Compliance	• Contact Manufacturer		

## ASTM & ISO Properties<sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	1.38	g/cm <sup>3</sup>	ISO 1183
Melt Volume-Flow Rate (MVR) (190°C/2.16 kg)	1.50	cm <sup>3</sup> /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	283000	psi	ISO 527-2/1A
Tensile Stress (Yield)	6380	psi	ISO 527-2/1A/50
Tensile Strain (Yield)	11	%	ISO 527-2/1A/50
Nominal Tensile Strain at Break	15	%	ISO 527-2/1A/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	3.1	ft·lb/in <sup>2</sup>	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (264 psi, Unannealed)	158	°F	ISO 75-2/A
Vicat Softening Temperature	275	°F	ISO 306/B50
Melting Temperature <sup>2</sup>	331	°F	ISO 11357-3
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+3	ohms	IEC 60093
Volume Resistivity	1.0E+3	ohms·cm	IEC 60093

## Processing Information

Injection	Nominal Value	Unit
Drying Temperature	212 to 248	°F
Drying Time	3.0 to 4.0	hr

## Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> 10°C/min