



Hostaform® XGC10 EF

Celanese Corporation - Acetal (POM) Copolymer

Sunday, November 3, 2019

General Information

Product Description

Hostaform® XGC10 EF is an easy flowing injection molding grade reinforced with approximately 10% glass fibers.

General

Material Status	• Experimental: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Filler / Reinforcement	• Glass Fiber, 10% Filler by Weight		
Features	• Good Flow		
Processing Method	• Injection Molding		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.48	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (190°C/2.16 kg)	8.50	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	725000	psi	ISO 527-2/1A
Tensile Stress (Break)	16000	psi	ISO 527-2/1A/5
Tensile Strain (Break)	4.0	%	ISO 527-2/1A/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	3.1	ft-lb/in ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Melting Temperature ²	331	°F	ISO 11357-3

Notes

¹ Typical properties: these are not to be construed as specifications.

² 10°C/min