



Hostaform® C 9021 GV3/30 TF2

Celanese Corporation - Acetal (POM) Copolymer

Saturday, November 2, 2019

General Information

Product Description

Injection molding grade with 30% glass beads, for low warpage parts, slip modified with PTFE

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Filler / Reinforcement	• Glass Bead, 30% Filler by Weight		
Additive	• PTFE Lubricant		
Features	• Low Warpage	• Lubricated	
RoHS Compliance	• Contact Manufacturer		
Processing Method	• Injection Molding		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.63	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (190°C/2.16 kg)	7.50	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	551000	psi	ISO 527-2/1A
Tensile Stress (Yield)	5510	psi	ISO 527-2/1A/50
Tensile Strain (Yield)	5.0	%	ISO 527-2/1A/50
Nominal Tensile Strain at Break	13	%	ISO 527-2/1A/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	1.2	ft·lb/in ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Melting Temperature ²	331	°F	ISO 11357-3

Processing Information

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

Notes

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

² 10°C/min