

Hostaform® C 9021 GV3/30 TF2

Acetal (POM) Copolymer

Celanese Corporation

Message:

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

General Information			
Filler / Reinforcement	Glass Bead,30% Filler by Weight		
Additive	PTFE Lubricant		
Features	Low Warpage		
RoHS Compliance	Contact Manufacturer		
Processing Method	Injection Molding		
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	3800	MPa	ISO 527-2/1A/1
Tensile Stress (Yield)	38.0	MPa	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 (23°C)	2.5	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Melting Temperature ¹	166	°C	ISO 11357-3
Injection	Nominal Value	Unit	
Processing (Melt) Temp	190 to 230	°C	
Mold Temperature	80.0 to 120	°C	
Screw L/D Ratio	15.0:1.0 to 25.0:1.0		
NOTE			
1.	10°C/min		

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