

# EnviroPro 1020GF40

Polypropylene Copolymer

West Michigan Compounding

## Message:

EnviroPro 1020GF40 is a polypropylene copolymer (PP Copoly) product, which contains a 40% glass fiber reinforced material. It can be processed by injection molding and is available in North America. The main characteristics are: copolymer.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 40% filler by weight		
Features	Copolymer		
	General		
Uses	General		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.20 - 0.40	%	ASTM D955
Ash Content	40	%	ASTM D5630
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	77.9	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	6890	MPa	ASTM D790
Flexural Strength	83.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	140	J/m	ASTM D256
Dart Drop Impact	2.26	J	Internal method
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	157	°C	ASTM D648

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Recommended distributors for this material

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