

# EnviroPCABS 3018G16

Polycarbonate + ABS

West Michigan Compounding

## Message:

EnviroPCABS 3018G16 is a polycarbonate + acrylonitrile butadiene styrene (PC + ABS) product, which contains a 16% glass fiber reinforced material. It can be processed by injection molding and is available in North America. The main characteristics are: high rigidity.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 16% filler by weight		
Features	Rigidity, high		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR)	3.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.30 - 0.50	%	ASTM D955
Ash Content	16	%	ASTM D5630
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	77.2	MPa	ASTM D638
Flexural Modulus	4520	MPa	ASTM D790
Flexural Strength	134	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	96	J/m	ASTM D256
Dart Drop Impact	4.52	J	Internal method
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	129	°C	ASTM D648

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## Recommended distributors for this material

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