

# EnviroPCABS 5080

Polycarbonate + ABS

West Michigan Compounding

## Message:

EnviroPCABS 5080 is a Polycarbonate + ABS (PC+ABS) product. It can be processed by injection molding and is available in North America. Primary characteristic: impact resistant.

General Information			
Features	High Impact Resistance		
Appearance	Black		
	Grey		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	4.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.60 to 0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	44.8	MPa	ASTM D638
Tensile Elongation (Break)	25	%	ASTM D638
Flexural Modulus	2070	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	430	J/m	ASTM D256
Gardner Impact	36.2	J	Internal Method
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	116	°C	ASTM D648

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## Recommended distributors for this material

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