

# PERBLEND™ RC910M-BK02

Polycarbonate + ABS

Pier One Polymers, Inc.

## Message:

PERBLEND™ RC910M-BK02 manufactured with recycled content.

General Information			
Recycled Content	Yes		
Appearance	Black		
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/2.16 kg)	9.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.60 to 0.80	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, Injection Molded)	108 to 112		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C, Injection Molded)	55.2	MPa	ASTM D638
Tensile Elongation (Break, 23°C, Injection Molded)	65	%	ASTM D638
Flexural Modulus (23°C, Injection Molded)	2480	MPa	ASTM D790
Flexural Strength (23°C, Injection Molded)	82.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	530	J/m	ASTM D256
Unnotched Izod Impact (23°C, Injection Molded)	960	J/m	ASTM D4218
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed, Injection Molded	107	°C	
1.8 MPa, Unannealed, Injection Molded	109	°C	

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## Recommended distributors for this material

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