

Pier One ABS L3-BK09

Acrylonitrile Butadiene Styrene

Pier One Polymers, Inc.

Message:

ABS-L3 is available in black only. Manufactured with recycled content. Further information and details are available upon request.

General Information			
Recycled Content	Yes		
Features	Terpolymer		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	44.8	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	35	%	ASTM D638
Flexural Modulus (23°C)	2410	MPa	ASTM D790
Flexural Strength (23°C)	69.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	160	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	88.0	°C	ASTM D648
Injection	Nominal Value	Unit	
Suggested Max Moisture	< 0.080	%	
Processing (Melt) Temp	221 to 260	°C	
Mold Temperature	38.0 to 77.0	°C	

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Recommended distributors for this material

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