

Pier One ABS SFG10-BK10

Acrylonitrile Butadiene Styrene

Pier One Polymers, Inc.

Message:

ABS-SFG10 is also available in natural and custom colors. Further information and details are available upon request.

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Features	Terpolymer		
Appearance	Black		
	Colors Available		
	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	2.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	58.6	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	5.0	%	ASTM D638
Flexural Modulus (23°C)	4760	MPa	ASTM D790
Flexural Strength (23°C)	103	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	80	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	98.0	°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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