

Pier One PC/ABS SF2000 BK10

Polycarbonate + ABS

Pier One Polymers, Inc.

Message:

Pier One PC/ABS SF2000 BK10 is a Polycarbonate + ABS (PC+ABS) material. It is available in North America for injection molding.

General Information			
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/3.8 kg)	4.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	6.0E-3	%	ASTM D955
Water Absorption (24 hr)	0.15	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	55.2	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	80	%	ASTM D638
Flexural Modulus (23°C)	2520	MPa	ASTM D790
Flexural Strength (23°C)	89.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	640	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	130	°C	
1.8 MPa, Unannealed	110	°C	

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Recommended distributors for this material

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