

Spartech Polycom SC7F-70910

Polycarbonate

Spartech Polycom

Message:

Available in water clear or blue tint and with or without mold release.

General Information			
Additive	Flame retardancy		
Features	Flame retardancy		
Uses	Computer components		
	Electrical/Electronic Applications		
	Business equipment		
Appearance	Available colors		
	Blue		
	Clear/transparent		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50 - 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2280	MPa	ASTM D638
Tensile Strength (Break)	62.1	MPa	ASTM D638
Flexural Modulus	2240	MPa	ASTM D790
Flexural Strength (Yield)	91.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	640	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	132	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	121	°C	
Drying Time	3.0 - 5.0	hr	
Rear Temperature	266 - 277	°C	
Middle Temperature	271 - 282	°C	

Front Temperature	282 - 299	°C
Nozzle Temperature	277 - 304	°C
Processing (Melt) Temp	288 - 316	°C
Mold Temperature	71.1 - 93.3	°C

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Recommended distributors for this material

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