

Spartech Polycom SC1A7-1010

Polycarbonate + ABS

Spartech Polycom

Message:

Spartech SC1A7-1010 is a medium viscosity ABS/PC alloy for injection molding applications. The alloys bridge desirable characteristics of both resins. They benefit from the processing ease of ABS, and the high heat distortion temperature is influenced by the polycarbonate fraction. The alloys approach the toughness of polycarbonate without the thickness sensitivity. A very versatile product for a wide variety of applications, Spartech SC1A7-1010 is recommended for industrial, transportation, sporting goods and electrical/electronic applications.

General Information			
Features	Workability, good		
	Heat resistance, high		
	Good toughness		
	Medium viscosity		
Uses	Electrical/Electronic Applications		
	Industrial application		
	Application in Automobile Field		
	Sporting goods		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	48.3	MPa	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	530	J/m	ASTM D256
Injection	Nominal Value	Unit	
Drying Temperature	87.8	°C	
Drying Time	2.0 - 4.0	hr	
Rear Temperature	249 - 282	°C	
Middle Temperature	254 - 288	°C	
Front Temperature	260 - 293	°C	
Nozzle Temperature	274 - 302	°C	
Processing (Melt) Temp	274 - 302	°C	

Mold Temperature

82.2 - 93.3

°C

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Recommended distributors for this material

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