

# Spartech Polycom SC7A21-2063

Polycarbonate + PET

Spartech Polycom

Message:

Spartech Polycom SC7A21-2063 is a polycarbonate PET (PC PET) product. It can be processed by injection molding and is available in North America. The application fields of Spartech Polycom SC7A21-2063 include industrial application, home application and automobile industry. The main characteristics are: chemical resistance.

General Information			
Features	Good chemical resistance		
Uses	Lawn and Garden Equipment		
	Industrial application		
	Application in Automobile Field		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.80 - 1.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2040	MPa	ASTM D638
Tensile Strength (Break)	53.1	MPa	ASTM D638
Flexural Modulus	2100	MPa	ASTM D790
Flexural Strength (Yield)	80.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	750	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	80.6	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	110	°C	
Drying Time	3.0 - 4.0	hr	
Rear Temperature	243 - 254	°C	
Middle Temperature	249 - 260	°C	
Front Temperature	254 - 266	°C	
Nozzle Temperature	260 - 277	°C	
Processing (Melt) Temp	260 - 277	°C	
Mold Temperature	48.9 - 73.9	°C	

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