

Spartech Polycom SC1-3090

Acrylonitrile Butadiene Styrene

Spartech Polycom

Message:

Spartech Polycom SC1-3090 is an acrylonitrile butadiene styrene (ABS) product. It can be processed by injection molding and is available in North America. Spartech Polycom SC1-3090 applications include electrical appliances, home applications and the automotive industry.

Features include:

Impact modification

high gloss

Impact resistance

General Information			
Additive	Impact modifier		
Features	Impact modification		
	Highlight		
	Medium impact resistance		
Uses	Electrical appliances		
	Household goods		
	Application in Automobile Field		
Appearance	Available colors		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.06	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.50 - 0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2280	MPa	ASTM D638
Tensile Strength (Break)	42.7	MPa	ASTM D638
Flexural Modulus	2410	MPa	ASTM D790
Flexural Strength (Yield)	72.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	160	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	76.7	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	87.8 - 93.3	°C	
Drying Time	2.0 - 4.0	hr	
Rear Temperature	188 - 199	°C	
Middle Temperature	210 - 221	°C	

Front Temperature	221 - 232	°C
Nozzle Temperature	232 - 260	°C
Processing (Melt) Temp	232 - 260	°C
Mold Temperature	48.9 - 71.1	°C

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Recommended distributors for this material

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