

# Spartech Polycom SC1-6009

Acrylonitrile Butadiene Styrene

Spartech Polycom

Message:

Spartech Polycom SC1-6009 is an acrylonitrile butadiene styrene (ABS) product. It can be processed by injection molding and is available in North America. The application fields of Spartech Polycom SC1-6009 include industrial applications and home applications.

Features include:

Impact modification

high gloss

Impact resistance

General Information			
Additive	Impact modifier		
Features	Impact modification		
	Highlight		
	Impact resistance, high		
	Good liquidity		
Uses	Lawn and Garden Equipment		
	Industrial application		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.50 - 0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2140	MPa	ASTM D638
Tensile Strength (Break)	37.9	MPa	ASTM D638
Flexural Modulus	2280	MPa	ASTM D790
Flexural Strength (Yield)	68.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	350	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	81.1	°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	218 - 260	°C
Processing (Melt) Temp	218 - 260	°C
Mold Temperature	48.9 - 71.1	°C

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Recommended distributors for this material

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