

Spartech Polycom SC1-3059

Acrylonitrile Butadiene Styrene

Spartech Polycom

Message:

Spartech Polycom SC1-3059 is an acrylonitrile butadiene styrene (ABS) product. It can be processed by extrusion or injection molding and is available in North America. The application fields of Spartech Polycom SC1-3059 include industrial application, construction application and automobile industry. Features include:
Impact modification
Impact resistance

General Information	
Additive	Impact modifier
Features	Impact modification
	Gloss, Medium
	General
	Medium impact resistance
Uses	Industrial application
	Architectural application field
	Application in Automobile Field
Forms	Particle
Processing Method	Extrusion
	Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	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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