

Spartech Polycom SC6-1062U

Acrylonitrile Styrene Acrylate

Spartech Polycom

Message:

Spartech SC6-1062U is a general purpose, easy flow, ASA resin for injection molding applications. It is UV stabilized for excellent resistance to outdoor exposure, aging and yellowing.

ASA resins offer great toughness and rigidity, good chemical resistance, resistance to heat deformation, good heat stability and good antistatic properties. Its unproblematic processing over a wide range of temperatures and excellent resistance to outdoor exposure, aging and yellowing add to the benefits of this product.

A very versatile product for a wide variety of applications, Spartech SC6-1062U is recommended for automotive, electrical engineering, garden tools and highway engineering.

General Information			
Additive	UV stabilizer		
Features	Rigidity, high		
	Antistatic property		
	Good UV resistance		
	Workability, good		
	Good liquidity		
	Good chemical resistance		
	Good weather resistance		
	Heat resistance, high		
	Thermal stability, good		
	Good toughness		
	General		
Uses	Electrical/Electronic Applications		
	Application in Automobile Field		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	21	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	47.6	MPa	ASTM D638
Flexural Modulus (23°C)	2300	MPa	ASTM D790
Flexural Strength (23°C)	61.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method

Notched Izod Impact (23°C)	290	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	101	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	2.0 - 4.0	hr	
Rear Temperature	229 - 260	°C	
Middle Temperature	229 - 260	°C	
Front Temperature	229 - 260	°C	
Nozzle Temperature	241 - 282	°C	
Processing (Melt) Temp	241 - 282	°C	
Mold Temperature	40.0 - 80.0	°C	

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