

Spartech Polycom SCR14-1060L

Polyamide 66

Spartech Polycom

Message:

Spartech SCR14-1060L is a medium viscosity nylon 6/6 resin for injection molding applications. It is heat stabilized and lubricated for good processing characteristics.

Nylons are highly crystalline resins with a sharp melting and freezing point. That characteristic allows for good flow properties when in the melt state, and fast cycle times when cooling in the mold. The highly crystalline characteristic also brings high strength properties and wear resistance.

A very versatile product for a wide variety of applications, Spartech SCR14-1060L is recommended for industrial, transportation, sporting goods and electrical/electronic applications.

General Information			
Additive	heat stabilizer		
	Lubricant		
Features	High strength		
	Crystallization		
	Workability, good		
	Fast molding cycle		
	Good liquidity		
	Good wear resistance		
	Thermal Stability		
	Thermal stability, good		
	Lubrication		
	Medium viscosity		
Uses	Electrical/Electronic Applications		
	Industrial application		
	Application in Automobile Field		
	Sporting goods		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	75.8	MPa	ASTM D638
Flexural Modulus (23°C)	2280	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method

Notched Izod Impact (23°C)	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	75.5	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	87.8 - 93.3	°C	
Drying Time	2.0 - 4.0	hr	
Rear Temperature	249 - 271	°C	
Middle Temperature	277 - 288	°C	
Front Temperature	271 - 288	°C	
Nozzle Temperature	277 - 288	°C	
Processing (Melt) Temp	271 - 293	°C	
Mold Temperature	37.8 - 93.3	°C	

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

