

Spartech Polycom SC14-2090L

Polyamide 6

Spartech Polycom

Message:

Spartech SC14-2090L is a medium viscosity nylon 6 resin for injection molding applications. It is heat stabilized and lubricated for good processing characteristics.

Nylon 6 resins have good mechanical properties, good toughness at low temperatures, and high thermal stability. They also have excellent chemical resistance and their dielectric properties are very good.

A very versatile product for a wide variety of applications, Spartech SC14-2090L is recommended for industrial, transportation, sporting goods and electrical/electronic applications.

General Information			
Additive	heat stabilizer		
	Lubricant		
Features	Workability, good		
	Good chemical resistance		
	Thermal Stability		
	Thermal stability, good		
	Good toughness		
	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/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	75.8	MPa	ASTM D638
Flexural Modulus (23°C)	2480	MPa	ASTM D790
Flexural Strength (23°C)	103	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Injection	Nominal Value	Unit	

Drying Temperature	87.8 - 93.3	°C
Drying Time	2.0 - 4.0	hr
Rear Temperature	232 - 254	°C
Middle Temperature	260 - 271	°C
Front Temperature	254 - 271	°C
Nozzle Temperature	260 - 271	°C
Processing (Melt) Temp	254 - 282	°C
Mold Temperature	26.7 - 82.2	°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

