Spartech Polycom SC7F-7015AU

Polycarbonate

Spartech Polycom

Message:

Spartech SC7F-7015AU is a low viscosity, flame retardant, PC resin for injection molding that features a UV stabilizer. It is heat stabilized and lubricated for good processing characteristics.
Polycarbonate resins span a wide range of physical properties that combine to make it one of the toughest, most versatile of all engineering thermoplastics. It is well known for its exceptional impact resistance, plus it has outstanding mechanical, electrical, and optical properties.
A very versatile product for a wide variety of applications, Spartech SC7F-7015AU is recommended for industrial, transportation, sporting goods and electrical/electronic applications.

General Information	
Additive	heat stabilizer
	Lubricant
	UV stabilizer
	Flame retardancy
Features	Low viscosity
	Impact resistance, high
	Good UV resistance
	Workability, good
	Good electrical performance
	Thermal Stability
	Thermal stability, good
	Good toughness
	Lubrication
	Flame retardancy
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	1.21	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	16	g/10 min	ASTM D1238

Mechanical	Nominal Value	Unit	Test Method

Tensile Strength (23°C)	62.1	MPa	ASTM D638
Flexural Modulus (23°C)	2240	MPa	ASTM D790
Flexural Strength (23°C)	89.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	590	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	132	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.60 mm, NC)	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	121	°C	
Drying Time	3.0 - 4.0	hr	
Rear Temperature	266 - 277	°C	
Middle Temperature	271 - 282	°C	
Front Temperature	282 - 299	°C	
Nozzle Temperature	277 - 304	°C	
Processing (Melt) Temp	288 - 316	°C	
Mold Temperature	71.1 - 93.3	°C	

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