

Spartech Polycom SC2-1060

High Impact Polystyrene

Spartech Polycom

Message:

Spartech SC2-1060 is a medium viscosity, high impact polystyrene (HIPS) resin for injection molding that features a silicone modifier. It is heat stabilized and lubricated for good processing characteristics.

HIPS are rubber modified styrenics that typically contain 1-10% rubber by weight. They offer dimensional and physical stability in moist environments and provide good chemical resistance. These materials also exhibit good flexibility along with good toughness.

A very versatile product for a wide variety of applications, Spartech SC2-1060 is recommended for appliances, housewares and electrical/electronic applications.

General Information			
Additive	Silicone lubricant heat stabilizer		
Features	Good dimensional stability Impact resistance, good Workability, good Good flexibility Good chemical resistance Thermal Stability Thermal stability, good Good toughness Lubrication Medium viscosity		
Uses	Electrical/Electronic Applications Electrical appliances Household goods		
Appearance	Available colors Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR)	24	g/10 min	ASTM D1238
Injection	Nominal Value	Unit	
Drying Temperature	71.1 - 82.2	°C	
Drying Time	2.0	hr	
Rear Temperature	200 - 220	°C	
Middle Temperature	205 - 225	°C	

Front Temperature	210 - 230	°C
Nozzle Temperature	210 - 230	°C
Processing (Melt) Temp	191 - 260	°C
Mold Temperature	26.7 - 48.9	°C

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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

