

Spartech Polycom SC14-2090

Polyamide 6

Spartech Polycom

Message:

Available with or without lube and/or heat stabilizer.

General Information			
Additive	heat stabilizer		
	Lubricant		
Features	Thermal Stability		
	Lubrication		
	General		
Uses	Industrial application		
	Application in Automobile Field		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.90 - 1.3	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2620	MPa	ASTM D638
Tensile Strength (Break)	81.4	MPa	ASTM D638
Flexural Modulus	2760	MPa	ASTM D790
Flexural Strength (Yield)	114	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	59	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	65.6	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	1.0 - 4.0	hr	
Rear Temperature	227 - 249	°C	
Middle Temperature	238 - 260	°C	
Front Temperature	249 - 271	°C	
Nozzle Temperature	254 - 266	°C	
Processing (Melt) Temp	249 - 271	°C	

Mold Temperature

82.2 - 93.3

°C

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Recommended distributors for this material

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