

Spartech Polycom SC14-1098

Polyamide 66

Spartech Polycom

Message:

Available with or without lube and/or heat stabilizer.

General Information			
Additive	Impact modifier		
	heat stabilizer		
	Lubricant		
Features	Impact modification		
	Impact resistance, high		
	Thermal Stability		
	Good toughness		
	Lubrication		
Uses	Industrial application		
	Architectural application field		
	Application in Automobile Field		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.09	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.2 - 1.6	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2240	MPa	ASTM D638
Tensile Strength (Break)	53.8	MPa	ASTM D638
Flexural Modulus	2070	MPa	ASTM D790
Flexural Strength (Yield)	79.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	560	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	72.2	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	1.0 - 4.0	hr	
Rear Temperature	282 - 293	°C	

Middle Temperature	288 - 299	°C
Front Temperature	277 - 288	°C
Nozzle Temperature	271 - 282	°C
Processing (Melt) Temp	282 - 304	°C
Mold Temperature	54.4 - 93.3	°C

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Recommended distributors for this material

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