

Starflam® SF0067

Polyamide 12



Starflam SF0067 is a glass fiber reinforced, flame retardant PA12 for injection molded applications. The material is halogen free and red phosphorus free.

General

Regional Availability	• North America	• Europe
Additive	• Flame Retarding Agent	• Release agent
Features	• Bromine Free	• Flame Retardant
Agency Rating	• ISO, 1043 PA12 GF30 FR(40)	
Appearance	• Natural Color	
Forms	• Pellets	
Processing Method	• Injection Molding	

Physical

	dry	cond.	Unit	Test Standard
Density	1.37	-	g/cm ³	ISO 1183

Mechanical

	dry	cond.	Unit	Test Standard
Tensile Stress (Yield, 23°C)	101	-	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	3.3	-	%	ISO 527-2
Flexural Modulus (23°C)	7800	-	MPa	ISO 178
Flexural Strength (23°C)	140	-	MPa	ISO 178

Impact

	dry	cond.	Unit	Test Standard
Notched Izod Impact Strength, +23°C	10	-	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength, +23°C	40	-	kJ/m ²	ISO 180/1U

Thermal

	dry	cond.	Unit	Test Standard
Heat Deflection Temperature, 1.80 MPa, Unannealed	155	-	°C	ISO 75-2/A

Injection

	Value	Unit
Drying Temperature	80	°C
Drying Time	4	h
Suggested Max Moisture	0.2	%
Rear Temperature	210 - 230	°C
Middle Temperature	220 - 250	°C
Front Temperature	220 - 250	°C
Processing (Melt) Temperature	220 - 260	°C

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+852-6957-5415 (HongKong)

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Mold Temperature

60 - 90

°C

