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		
Additive	• Flame Retarding Agent	• Release agent
Features	• Bromine Free	• Flame Retardant
Resin Identification	• PA12-GF30 FR(40) - ISO 1043	
Appearance	• Natural Color	
Forms	• Pellets	
Processing Method	• Injection Molding	

Physical	dry	cond.	Unit	Test Standard
Density	1.37	-	g/cm³	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/m²	ISO 180/1A
Unnotched Izod Impact Strength, +23°C	40	-	kJ/m²	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
Mold Temperature	60 - 90	°C

©2026 Ascend Performance Materials Operations. The Ascend Performance Materials name, brands, marks and logos (e.g., those identified with ®, ™, or ℠) are owned by Ascend Performance Materials Operations, unless otherwise noted.

Starflam® SF0067

Polyamide 12

North America
+1 888 927 2363

Europe
+32 10 608 600

Asia
+86 21 2315 0888

Disclaimer

NOTICE: Although the information and recommendations set forth herein (hereinafter " information") are presented in good faith and believed to be correct as of the date hereof, Ascend Performance Materials Operations makes no representation or warranties as to the completeness of accuracy thereof. Material is produced at multiple production sites with differing specification approvals.

Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purpose prior to use. In no event will Ascend Performance Materials Operations be responsible for damages of any nature whatsoever resulting in the use of or reliance upon information or the products to which information refers. Nothing contained herein is to be construed as a recommendation to use any product, equipment or formulation in conflict with any patent, and Ascend Performance Materials Operations makes no representation or warranty, express or implied, that use thereof will not infringe any patent. No representation or warranties, either express or implied, of merchantability fitness for a particular purpose or of any other nature are made hereunder with respect to information or product to which information refers.

CAUTION: Do not use Ascend Performance Materials Operations MED grades in medical applications involving implantation in the human body or contact with internal body fluids or tissues for extended periods of time.

©2026 Ascend Performance Materials Operations. The Ascend Performance Materials name, brands, marks and logos (e.g., those identified with ®, ™, or ℠) are owned by Ascend Performance Materials Operations, unless otherwise noted.