

# Celstran® PA66-SF50-02 AF3001

Polyamide 66

Celanese Corporation

## Message:

The Celstran PA66-SF50-02 AF3001 Natural is a 50% by weight stainless steel fiber concentrate. This product is intended to be used at levels from 6% to 40% in combination with neat or filled PA66 to achieve the desired level of electrostatic dissipation (ESD) and electromagnetic interference (EMI)/ radio frequency interference (RFI) shielding. The resulting formulation will yield stainless steel levels of 3% to 20%.

'Long Stainless Fiber' materials have a significant advantage over short stainless fiber filled plastics. Conductivity properties increase by nearly 100 times when comparing to similar loadings.

General Information			
Filler / Reinforcement	Long Stainless Steel Fiber,50% Filler by Weight		
Features	Electromagnetic Shielding (EMI)		
	ESD Protection		
	Radio Frequency Shielding (RFI)		
RoHS Compliance	Contact Manufacturer		
Physical	Nominal Value	Unit	Test Method
Density	1.99	g/cm <sup>3</sup>	ISO 1183
Thermal	Nominal Value	Unit	Test Method
Melting Temperature <sup>1</sup>	260	°C	ISO 11357-3
Injection	Nominal Value	Unit	
Processing (Melt) Temp	< 320	°C	
NOTE			
1.	10°C/min		

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## Recommended distributors for this material

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