

CELSTRAN® PA66-SF50-02 AF3005

50% long stainless steel fiber filled PA66

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.

Thermal properties

Melting temperature, 10°C/min	260 °C	ISO 11357-1/-3
-------------------------------	--------	----------------

Other properties

Density	1990 kg/m ³	ISO 1183
---------	------------------------	----------

