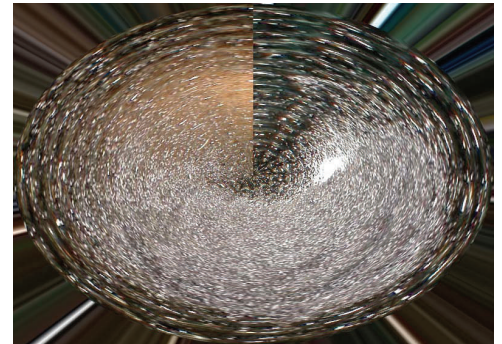




Conductive Filler



Conductive Filler

Purpose:

Material Description:

Silver Micro-fibers 10µ X 300µ

Conductive filler for adhesives and elastomers

Silver-plated nylon micro-fibers 10µ diameter X 300µ length

General Properties

Material Resistivity:

1.1 mΩ-cm

In-application Resistivity:

< 0.8Ω/□

True Density:

1.5 g/cc

Temperature Range:

-60°C to 90°C

Aspect Ratio:

30:1

Silver Content by Weight:

20%

Product Advantages:

End product conductivity values in the range of 10⁻¹ to 10⁻² Ω/cm

Excellent thermal stability

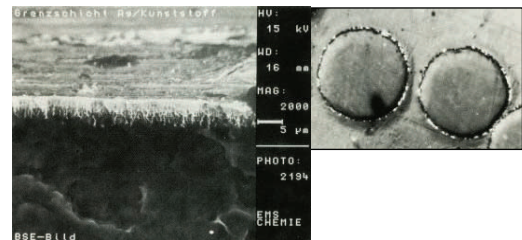
Low density material yields uniform filler dispersion and eliminates particle settling

Enhances dispersion and rheology of resin matrix

Produces optimum and predictable packing characteristics

Cost effective

Cross section views of nylon fiber showing silver deposits



Product Applications:

Conductive Elastomer

Conductive Adhesive

Conductive Epoxy

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