

Marktek Inc.

Your One-Stop Shop for EMI-shielding, Conductive, Resistive, & Microwave-Absorptive Materials

Data Sheet for S227-3110XY Mixed Conductive Thread

Description: Size 40 thread made of silver-plated nylon-66 22/7 dtex yarn twisted with 3 plies of 110 dtex polyester support yarn

Appearance: silvery gray

Linear Resistance: < 200 ohm/in (<80 ohm/cm)

Yield: 13,845 yd/lb (27,690 m/kg)

Approximate Diameter: 200 um (8 mils)

Tenacity: NA

Elongation at Break: NA

Temperature Limits: up to 90°C

Packaging: ~100 g (net) cones only

Applications: Conductive thread or wire for ESD, medical, and smart textiles applications; anti-odor/scent clothing. Silver is a broad-spectrum biocide, so the product can be used wherever antimicrobial properties are desired.

The information provided here is for illustrative purposes only and should not be considered a product specification. All statements and data given herein are believed to be accurate and reliable but are presented without guarantee, warranty, or responsibility of any kind, expressed or implied. As always, it is up to the user of this product to make the final determination as to whether the said product is suitable for the user's intended application.

Rev. 0418

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