Eata Battery

High-Tensile Alloyed Copper Foil

Catlog Number: BMBCC-0017

Description

Reinforced copper substrate designed to withstand the high mechanical stresses of calendering and active material expansion.

Basic Information

Substrate Material: Copper Alloy

Purity (%): ≥99.5

Thickness (μm): 8

Width (mm): 300

Areal Density (g/m²): 70.0 - 72.0

Tensile Strength (MPa): 500 - 750

Elongation (%): ≥1.5

Surface Finish: Matte Finish

Surface Roughness (Ra, μm): ≤0.40

Electrical Resistivity (Ω·m): 2.5×10^{-8}

Thermal Conductivity (W/m·K): 320

Melting Point (°C): 1050

Oxidation Resistance (Temp/Time): 300°C / 60min

Coating Type: N/A

Coating Thickness (μm): N/A

Core ID (mm): 76

Standard Length (m): 200

Operating Voltage Range (V): 0.0 - 2.5

Application Compatibility: Solid-State Anode

Storage Requirements: Dry Storage

Form Factor: Roll

Hydrophilic Properties: Mechanical Strength

Compliance / Grade: Battery Grade

⚠ For Research or Industrial Raw Materials, Not For Personal Medical Use!

Eata Battery delivers the world's battery makers a single, reliable source for every high-performance raw material—cathode to collector, catalyst to membrane—so you can design, scale and ship next-generation batteries faster.

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