ZAVA HARDWARE & GARDEN SUPPLY
Professional Grade • Environmentally Enhanced • Contractor Trusted

PRODUCT COMPLIANCE CERTIFICATE

Romex Wire 14-2 250ft

Certificate Number: CERT-99410

Issue Date: 2024-11-05

Valid Until: 2027-07-19

PRODUCT INFORMATION

Product Name: Romex Wire 14-2 250ft
Model/SKU: ELWIR001
Manufacturer: Zava Hardware & Garden Supply
Manufacturing Date: 2025-07-18
Batch/Lot Number: LOT-516589

COMPLIANCE STANDARDS

Safety Standards

• UL 83: Thermoplastic-Insulated Wires and Cables ✓
• NEC Article 310: Conductors for General Wiring ✓
• Zava Standard ZS-E001: Enhanced Arc-Fault Protection ✓
• Zava Standard ZS-E002: Electromagnetic Compatibility in Smart Homes ✓

Performance Standards

• ASTM B3: Soft or Annealed Copper Wire ✓
• NEMA WC 70: Power Cables Rated 2000 Volts ✓
• Zava Performance ZP-E100: Cold Weather Flexibility ✓
• Zava Performance ZP-E200: Self-Diagnostic Capability ✓

Environmental Standards

• RoHS Compliant ✓
• REACH Regulation Compliant ✓
• Zava EcoCopper Initiative: 99.7% Recycled Content ✓
• Carbon Negative Manufacturing Process Certified ✓

TEST RESULTS

Voltage Rating: 600V ✓
Insulation Resistance: >1000 MΩ ✓
Conductor Resistance: Within specification ✓
Zava TempGuard Activation: 85°C ± 2°C ✓
Electromagnetic Interference: <-40dB at 1MHz ✓
Flexibility at -40°F: Passes 1000 bend cycles ✓

CERTIFYING AUTHORITY

Laboratory: Zava Environmental Impact Research Center
Certificate Issued By: Dr. Marina Coastwell, P.E., Zava Chief Materials Scientist
Signature: [Digital Signature]
License Number: ZAV-LAB-2212

VALIDITY

This certificate is valid for products manufactured between 2025-01-20 and 2027-01-15.
Subject to periodic surveillance audits.

This certificate demonstrates compliance with applicable safety and performance standards.