TECHNICAL SPECIFICATION OF ENAMELED & GLUED PAPER INSULATED COPPER CONDUCTOR

1. MATERIAL: ETP Grade copper as per DIN EN 13601:2002 or Oxygen free copper.

2. SIZE:
   Width: 5.00 to 16.00 mm.
   Thickness: 1.50 to 4.00 mm.

3. PROPERTIES OF BARE CONDUCTOR:
   As per IEC 60317-0-2

4. TYPE OF ENAMEL:
   a. Polyvinyl Acetal(PVA) Class 120°C.
   b. Polyester imide (PEI) Class 180°C.
   c. Polyester imide(PEI) + Polyamide imide(PEI+PAI) Class 200°C.

5. CONSTRUCTION:
   Two enameled strips placed radially one over the other with a Glued Nomex strip inserted in between the bunch and then covered with insulated kraft paper.

6. THICKNESS OF GLUED NOMEX STRIP:
   0.2 ± 0.02 mm.

7. TYPE OF NOMEX PAPER:
   Dupont Aramid Type 410.

8. TYPE OF INSULATING PAPER:
    a. Normal kraft insulating paper.
    b. Thermally Upgraded Kraft insulating paper.

9. PACKING:
    80 to 250 kg.