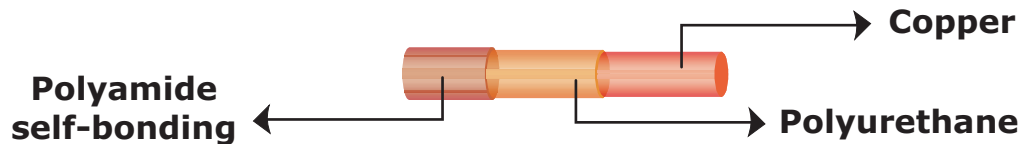




FIOS ESMALTADOS

INVEFIX 155 - MW 131C

PRODUCT CONSTRUCTION



GENERAL INFORMATION

MAIN USES

- Coils for horns
- Coils for loud-speakers
- Coils for radio and TV equipments
- Special coil for electronics
- Magnetic shells
- Telephonic stations
- Deflecting coils for tv

PROPERTIES

- Solderable (360°C)
- Self-bonding, allows bonding among the coils without impregnation

REFERENCES

Round
MW- 131-C
IEC-60317-35

Square and Rectangular
-

AVAILABILITY

Round
27 to 34 AWG

Square and Rectangular
-

TYPICAL PROPERTIES

(This data is typical of 36 AWG copper, type 1 build insulation only. It is not intended to be creating specification limits)

THERMAL PROPERTIES

Thermoplastic Flow

Specification: 200°C
Typical Values: 260°C

Heat Shock

Specification: 20% - 3xØ - ½ hr at 175°C - no cracks
Typical Values: No cracks

Bond Room Temperature

Specification: No separation of turns with type 2 film insulated 26 and 36 AWG
Typical Values: Pass

MECHANICAL PROPERTIES

Mandrel flexibility after elongation

Specification: 20% - 3xØ no cracks
Typical Values: 20% - 2xØ no cracks

ELECTRICAL PROPERTIES

Dielectric Breakdown

Specification: min - 1200 V
Typical Values: 4800 V

Dielectric Strength at 155°C

Specification: min - 900 V
Typical Values: 2500 V

High Voltage Continuity

Specification: 15 faults/100 feet - 500 V
Typical Values: 0 faults/100 feet - 750 V

Pinhole (JIS 3003)

Specification: 2% salt water 1 minute at 12 V
Typical Values: 0 faults

CHEMICAL PROPERTIES

Solubility

Specification: Specimens immersed in Xylene shall not soften sufficiently to expose the bare conductor
Typical Values: Pass