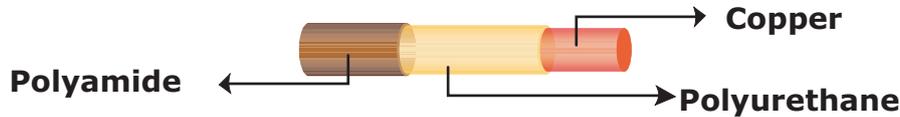




FIOS ESMALTADOS

# INVESOLD 155 NY - MW 80C

## PRODUCT CONSTRUCTION



## GENERAL INFORMATION

### MAIN USES

- Metering devices
- Coils for electronic equipment
- Micromotors
- Small Transformers
- Reactors
- Relays

### REFERENCES

<b>Round</b> MW-80C IEC-60317-21	<b>Square and Rectangular</b> -
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### PROPERTIES

- Solderable (360°C)
- Good resistance to abrasion and excellent coiling characteristics

### AVAILABILITY

<b>Round</b> 14 to 34 AWG	<b>Square and Rectangular</b> -
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## TYPICAL PROPERTIES

(This data is typical of 18 AWG copper, heavy build insulation only. It is not intended to be creating specification limits)

### THERMAL PROPERTIES

#### Thermal Endurance (20000hr)

Specification: 155°C  
Typical Values: 162°C

#### Thermoplastic Flow

Specification: 200°C  
Typical Values: 240°C

#### Heat Shock

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

#### Solderability

Specification: 430°C for 10 seconds  
Typical Values: 360°C for 3 seconds

### CHEMICAL PROPERTIES

#### Resistance to solvents

Specification: Xylene  
Typical Values: Pass

### ELECTRICAL PROPERTIES

#### Dielectric Breakdown

Specification: min - 5125 V  
Typical Values: 9000 V

#### High Voltage Continuity

Specification: 5 faults/100 feet - 1500 V  
Typical Values: 0 faults/100 feet - 2500 V

#### Pinhole (JIS 3003)

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

### MECHANICAL PROPERTIES

#### Mandrel flexibility after elongation

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

#### Unilateral Scrape (Avg. of 3 sides)

Specification: min - 1150 g  
Typical Values: 1550 g

Sold by Electrowind.  
Call 800.265.8340 to order.

UL File #E86467