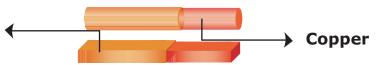


INVETERM 200 - MW 74C

PRODUCT CONSTRUCTION





GENERAL INFORMATION

MAIN USES

- Alternators, ignition coils
- Electric tools
- Motors for home appliances
- Motors for vehicle wind wipers
- · Hermetic motors
- Motors and hight tension transformers
- Ballasts for fluorescent lamps

IEC-60317-42

Round

MW-74C

REFERENCES

Square and Rectangular

PROPERTIES

Resistant to high temperatures and chemical agents

Resistant to cooling fluids for hermetic purposes

AVAILABILITY

Round Square and 04 to 34 AWG Rectangular

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 (20000hs)

Specification: min - 200°C Typical Values: 203°C

Thermoplastic Flow

Specification: min - 300°C Typical Values: 360°C

Heat Shock

Specification: 20% - 3xØ - ½ h at 220°C - no cracks

Typical Values: No cracks

ELECTRICAL PROPERTIES

Dielectric Breakdown

Specification: min - 5700 V Typical Values: 11500 V

Dielectric Strenght at 200°C

Specification: min - 4275 V Typical Values: 8500 V

High Voltage Continuity

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

MECHANICAL PROPERTIES

Mandrel flexibility after elongation

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

Unilateral Scrape (Avg. of 3 sides)

Specification: min - 980 g Typical Values: 1400 g

CHEMICAL PROPERTIES

Retained Dielectric after 72 hrs exposure

to R-22

Specification: min 5700 V Typical Values: 10500 V

R-22 Extractable

Specification: max 0.25% Typical Values: 0.17%

Resistance to solvents after 24 hrs

Specification: Xylene and 50/50

Xylene/Butyl Cellesolve

Typical Values: Pass

UL File #E86467