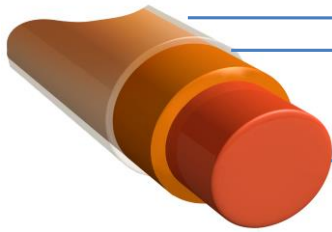


## INSULATION

Solderable Polyurethane Enamelled Round Copper Wire Overcoated With Polyamide, Class 180



Over Coat: Polyamide

Base Coat: Polyurethane

Conductor: Copper

## STANDARDS

IEC

NEMA MW 83 C

TSE

## TECHNICAL PROPERTIES

### MECHANICAL

Elongation % >1,3 x IEC Value

Mandrel Test 1 x Diameter - No Crack

Resistance to Abrasion >2,5 x IEC Value

## AVAILABILITY

0,150 - 2,000 mm

12,5 - 34,5 AWG

### THERMAL

Thermal Index 180 °C

Heat Shock > 200 °C

Cut Through > 260°C

## APPLICATIONS

Lighting Ballast transformers

Motors

Torroidal Coils

Ignition Coils

Communication and Measuring Equipments

Small Transformers

High speed winding machines

### CHEMICAL

Resistance to Solvents 5H

Resistance to Refrigerants -

Resistance to Transformer Oil -

Solderability 375°C / 1 sec

## PROPERTIES

Solderability in a short time

Superior thermal overload protection

Superior chemical and moisture resistance

High mechanical and thermal properties

### ELECTRICAL

Breakdown Voltage >2 x IEC Value

Conductivity (m/Ωmm<sup>2</sup>) >58

Pinhole Free