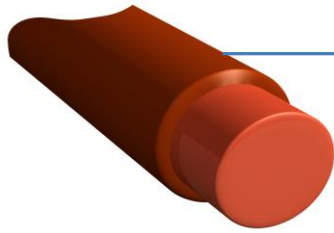


INSULATION

Solderable Polyesterimide Enamelled Round Copper Wire, Class 180



Base Coat: Solderable Polyesterimide

Conductor: Copper

STANDARDS

IEC	EN 60317 - 23
NEMA	MW 77 C
TSE	TS EN 60317 - 23

AVAILABILITY

0,05 - 2,50 mm.

10,5- 44 AWG

APPLICATIONS

Solenoids
Lighting Ballast transformers
Repeaters
Torroidal Coils
Ignition Coils
Communication and Measuring Equipments
Small Transformers

PROPERTIES

Solderability in a short time
Superior thermal overload protection
Superior chemical and moisture resistance
High mechanical and thermal properties

TECHNICAL PROPERTIES

MECHANICAL

Elongation	% >1,3 x IEC Value
Mandrel Test	1 x Diameter - No Crack
Resistance to Abrasion	>2,5 x IEC Value

THERMAL

Thermal Index	180 °C
Heat Shock	> 175 °C
Cut Through	> 300°C

CHEMICAL

Resistance to Solvents	-
Resistance to Refrigerants	-
Resistance to Transformer Oil	-
Solderability	470°C / 1 sec

ELECTRICAL

Breakdown Voltage	>2 x IEC Value
Conductivity (m/Ωmm ²)	>58
Pinhole	Free