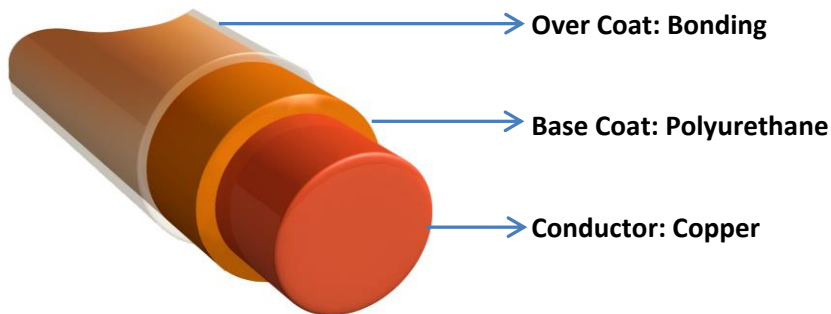


INSULATION

Solderable Polyesterimide Enamled Copper Wire, Class 180, with a bonding layer



Over Coat: Bonding

Base Coat: Polyurethane

Conductor: Copper

STANDARDS

IEC	EN 60317 - 36
NEMA	-
TSE	TS EN 60317 - 36

AVAILABILITY

0,150 - 0,600 mm.
22,5 - 34,5 AWG

APPLICATIONS

TV Yoke coils
Motors for electrical brakes
Small motors

PROPERTIES

Excellent dielectric performance
Superior thermal overload protection
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	> 200 °C
Cut Through	> 300 °C
Bonding Temperature	170 °C
Re-Softening Temperature	155 - 180°C

CHEMICAL

Resistance to Solvents	6H
Resistance to Refrigerants	-
Resistance to Transformer Oil	Good
Solderability	475°C / 7 sec

ELECTRICAL

Breakdown Voltage	>1,5 x IEC Value
Conductivity (m/Ωmm ²)	>58
Pinhole	Free