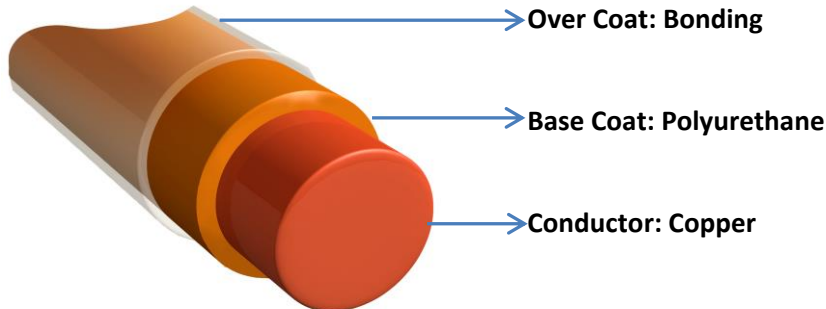


INSULATION

Solderable Polyurethane Enamelled Round Copper Wire, Class 155, with a bonding layer



→ Over Coat: Bonding

→ Base Coat: Polyurethane

→ Conductor: Copper

STANDARDS

IEC	EN 60317 - 35
NEMA	-
TSE	TS EN 60317 - 35

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	155 °C
Heat Shock	> 175 °C
Cut Through	> 240 °C
Bonding Temperature	140 °C
Re-Softening Temperature	100 - 120 °C

CHEMICAL

Resistance to Solvents	-
Resistance to Refrigerants	-
Resistance to Transformer Oil	-

ELECTRICAL

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