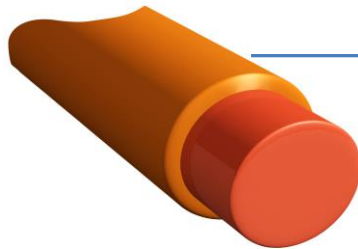


INSULATION

Solderable Polyurethane Enamelled Round Copper Wire, Class 155



→ Base Coat: Polyurethane

→ Conductor: Copper

UL File Number: E255643

TECHNICAL PROPERTIES

STANDARDS

IEC	EN 60317 - 20
NEMA	MW 79-C
TSE	TS EN 60317 - 20

MECHANICAL

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

AVAILABILITY

0,05 - 2,00 mm.

12- 44 AWG

THERMAL

Thermal Index	155 °C
Heat Shock	> 200 °C
Cut Through	> 230°C

APPLICATIONS

Coils and relays
Lighting Ballast transformers
Motors
Torroidal Coils
Ignition Coils
Communication and Measuring Equipments

CHEMICAL

Resistance to Solvents	4H
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 ²)	>58
Pinhole	Free