

COPPER PRODUCTS

Enamelled wires $\varnothing$ 0.05–2.50 mm

Winding wires with enamel insulation for electrical engineering products.

PETV-2, PET-155

Wire grade

 $\varnothing$ 0.05–2.50 mm

Diameter

5–200 kg

Coil / spool weight

IEC 60317

Standard

Technical specification

01	Metal	Cu
02	Diameters / cross-section	$\varnothing$ 0.05–2.50 mm
03	Metal grade	PETV-2, PET-155 (thermal class 130 / 155 °C)
04	Chemical composition	Copper conductor: Cu $\geq$ 99.90 %
05	Electrical conductivity	$\geq$ 58.0 MS/m (100 % IACS) for the copper conductor
06	Diameter tolerance	To IEC 60317, Grade 1 / Grade 2
07	Coil / spool weight	5–200 kg
08	Packaging	Spools in cartons, pallet
09	Standard	IEC 60317

Applications

- Windings of electric motors and generators
- Relays, coils and electromagnets
- Transformers and chokes
- Household and industrial electrical equipment

The figures shown are those set by the standards in force for each product type. Exact values for a given lot – metal grade, diameter or cross-section, manufacturing length and packaging – are fixed in the specification annexed to the supply contract.