

EmPol 155

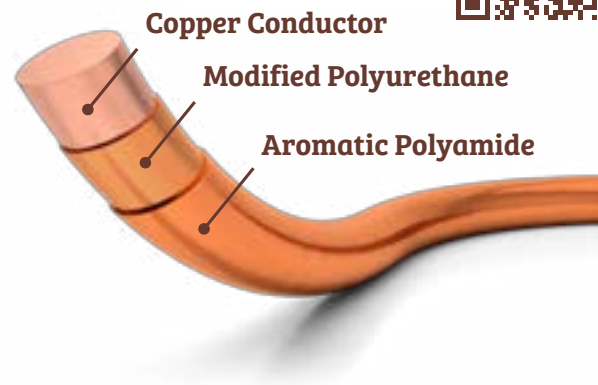
IEC 60317 - 20

EmPol 155 is enamelled copper wire belonging under F (155°C) class, able to be manufactured in the diameter range of 0.03 - 1.10 mm.

Providing thermal resistance up to 155°C and a good mechanical strength, EmPol 155 also possess a good winding performance. It possess the feature of being solderable within 1 second at 380 °C temperature. May be produced with alternative colour options based on request.

Fields of Use:

- Small motors and transformers
- Magnetic coils
- Testing and control devices.



Thermal Class (°C)	Class F, 155°C
Insulation Base Coat	Polyurethane
Insulation Top Coat	-
Insulation Bonding Layer	-
Production Range (mm)	0.03 -1.10 mm
Standards IEC	IEC 60317 - 20
UL File No	E336772
Thermal Class (°C)	155°C
Heat Shock (°C)	≥ 175°C
Cut-Through Temperature (°C)	≥ 200°C
Soldering Temperature (°C)	380°C 1 s
Bonding Temperature (°C)	Non-applicable
Re-softening Temperature (°C)	Non-applicable
Normal Solvent Resistance	4H
Dipping Varnish Resistance	Good
Refrigerant Resistance	Non-usable
Transformer Oil Resistance	Non-usable
Distinct Features	Thermal resistance up to 155 °C, good mechanical strength, good winding performance.
Fields of Use	Electronics, electromechanics

● Copper conductor ✂ Solderable 🌡 155°C thermal class

