

EmTherm 200

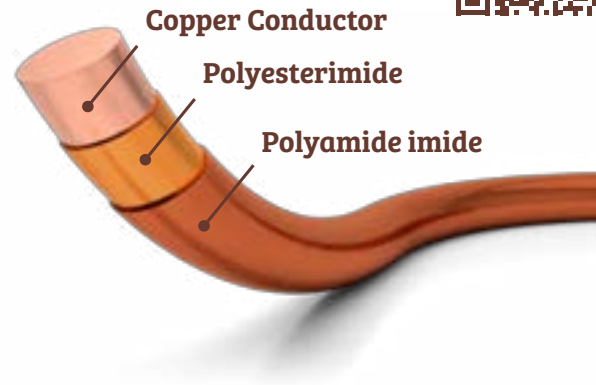
IEC 60317 - 13

EmTherm 200, is polyesterimide enamelled copper wire belonging in HC (200°C) thermal class, able to be manufactured in the diameter range of 0.20 - 4.00 mm.

Providing thermal resistance up to 200°C, EmTherm 200 also possess the features of good resistance against dipping varnishes, casting resins, solvents and Freon gas.

Fields of Use:

- Oil transformers
- transformers with casting resin
- General purpose electric motors
- Voltage regulators
- Various types of coils



Thermal Class (°C)	Class HC, 200°C
Insulation Base Coat	THEIC Modified Polyesterimide
Insulation Top Coat	Polyamide imide
Insulation Bonding Layer	-
Production Range (mm)	0.20 - 4.00 mm
Standards IEC	IEC 60317 - 13
UL File No	E336772
Thermal Class (°C)	200°C
Heat Shock (°C)	≥ 220°C
Cut-Through Temperature (°C)	≥ 340°C
Soldering Temperature (°C)	Non-solderable
Bonding Temperature (°C)	Non-applicable
Re-softening Temperature (°C)	Non-applicable
Normal Solvent Resistance	5H
Dipping Varnish Resistance	Good
Refrigerant Resistance	Good
Transformer Oil Resistance	Good
Distinct Features	Perfect resistance against dipping varnishes and polyesters, high thermal resistance (200°C), high solvent resistance.
Fields of Use	Generators, electromechanics, various transformers and electrical devices.

● Copper conductor ⚡ 200°C thermal class

