

EmTherm 220

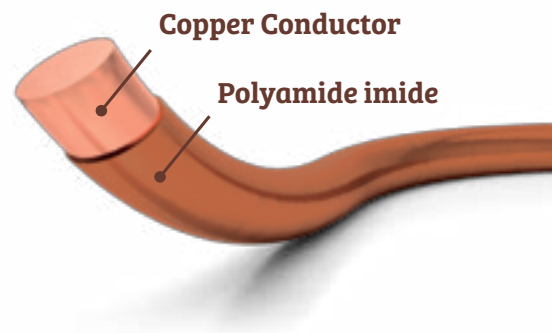
IEC 60317-57

EmTherm 220, is polyamide enamelled copper wire belonging in C (220°C) thermal class, able to be manufactured in the diameter range of 0.20 - 4.00 mm.

Provides thermal resistance up to 220 °C and possess high quality thermal and chemical features; usable in military, aerospace and various fields.

Fields of Use:

- Hermetic compressors
- High heat applications
- Solenoid valves
- Oil transformers
- Generators
- Jeneratörler



Thermal Class (°C)	Class C, 220°C
Insulation Base Coat	Polyamide imide
Insulation Top Coat	-
Insulation Bonding Layer	-
Production Range (mm)	0.20 - 4.00 mm
Standards IEC	IEC 60317 - 57
Thermal Class (°C)	220°C
Heat Shock (°C)	≥ 240°C
Cut-Through Temperature (°C)	≥ 400°C
Soldering Temperature (°C)	Non-solderable
Bonding Temperature (°C)	Non-applicable
Re-softening Temperature (°C)	Non-applicable
Normal Solvent Resistance	5H
Dipping Varnish Resistance	Very good
Refrigerant Resistance	Very good
Transformer Oil Resistance	Very good
Distinct Features	Uses in military and aerospace fields, high resistance against radiation, high thermal resistance (220°C), high quality thermal and chemical features.
Fields of Use	Generators, electromechanics, various transformers and electrical devices.

● Copper conductor  220°C thermal class

