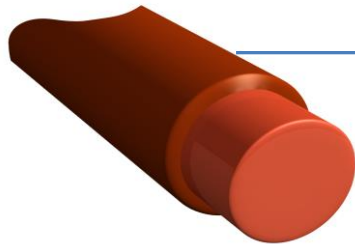


## INSULATION

Polyamide-imide Enamelled Round Copper Wire, Class 220



Over Coat :Polyamide-imide

Conductor: Copper

## STANDARDS

IEC	EN 60317 - 57
NEMA	MW 81 C
TSE	TS EN 60317 - 57

## AVAILABILITY

0,05 - 5,00 mm.

4 - 44 AWG

## APPLICATIONS

Motors, Hermetic Motors  
Refrigerant and Compressor Motors  
Automotive Alternators  
Torroidal Coils  
Solenoids  
Wiper motors  
Military space and nuclear

## PROPERTIES

Suitable for high speed winding.  
Excellent dielectric performance  
Superior chemical and moisture resistance  
Superior thermal overload protection  
High mechanical and thermal properties

## TECHNICAL PROPERTIES

### MECHANICAL

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

### THERMAL

Thermal Index	220 °C
Heat Shock	> 240 °C
Cut Through	> 400 °C

### CHEMICAL

Resistance to Solvents	6H
Resistance to Refrigerants	Very Good
Resistance to Transformer Oil	Very Good

### ELECTRICAL

Breakdown Voltage	>1,5 x IEC Value
Conductivity (m/Ωmm <sup>2</sup> )	>58
Pinhole	Free