



Presentation:

Our main supplier of enameled wire is the EDERFIL BECKER GROUP. They have been producing round and rectangular enameled copper and aluminum electrical conductors for over 70 years, for supply to different sectors: automotive, energy, transformers, wind power, industrial engines, electrical generators, etc. They are one of the leading manufacturers in the enameled wire sector internationally. They export more than 80% of their products worldwide. Their customers include some of the world's leading manufacturers and developers of solutions for the energy and e-mobility sectors.

Class C enameled copper and aluminum wire is shown below. Other classes, such as F, H and flat wire, can be made to order.

Round Copper Wire Image F-155



Features :

Section: Round
Material: Copper
Thermal class: 155 °C
Enamel polymer: PU
Grades: 1 – 2
Diameters: 0,010 – 5 mm
(Other diameters and flat wires are available on request)

Composition:

The main feature of this class F wire is the ability to weld the end at tin bath temperatures from 375°C, without the need to mechanically remove the varnish layer.

The main feature of this Class F wire is its ability to solder its end at tin bath temperatures from 375°C, without the need for mechanical removal of the varnish layer.

Structurally, it consists of a single POLYURETHANE varnish. It is compatible with commercial encapsulation and impregnation systems, although its resistance to chemicals remains limited.

Application :

The manufacture of windings for automated machines and windings intended for to be coated or impregnated with solvent-free varnishes. It is used in the whole range of relays, transformers, television and automotive components, micro-motors and low-power motors. Also suitable for coils wound in radios, TVs, telephones, measuring instruments and small relays in transformers and low-power motors.

Note:

Other dimensions available on request