

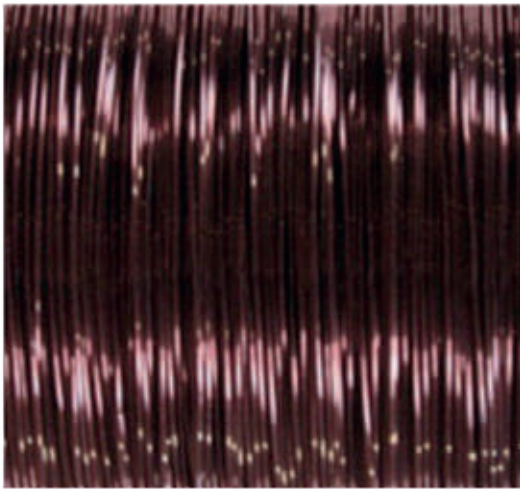


Presentation:

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 Aluminum Wire C200 PLUS Image



Features :

Section: Round
 Material: Aluminum
 Thermal class: 200 °C
 Enamel polymer: PEI + Al
 Grades: 2
 Diameters: 0,060 - 0,280 mm
 (Other diameters and flat wires are available on request)

Composition :

It is a class H enamelled wire with high mechanical and thermal properties. Structurally, the wire consists of a single POLYESTER or POLYESTER-IMIDE and a POLYAMIDE-IMIDE top coat. Each varnish layer gives the final yarn excellent industrial properties.

Application :

The automotive industry, energy, transformers, wind power, industrial motors, electric generators...

Round copper enamelled wire table:

Reference	Nominal diameter d (mm)	Diameter d (mm)		Outside diameter grade 2 d2 (mm)		
		d min	d Max	Δ min enamel	d2 min	d Max
B60 AL	0,060	0,061	0,065	0,012	0,077	0,083
B80 AL	0,080	0,077	0,083	0,012	0,095	0,101
B100 AL	0,100	0,097	0,103	0,016	0,118	0,125

Round aluminum enamelled wire table:

Reference	Nominal diameter d (mm)	Diameter d (mm)		Outside diameter grade 2 d2 (mm)		
		d min	d Max	Δ min enamel	d2 min	d Max
B112 AL	0,112	0,109	0,115	0,017	0,131	0,139
B150 AL	0,15	0,147	0,153	0,023	0,172	0,182
B160 AL	0,16	0,157	0,163	0,023	0,183	0,194
B180 AL	0,18	0,177	0,183	0,025	0,205	0,217
B212 AL	0,212	0,209	0,215	0,029	0,241	0,254
B250 AL	0,25	0,246	0,254	0,032	0,282	0,297
B280 AL	0,28	0,276	0,284	0,033	0,313	0,329