



## Enamelled round Copper wire – IBERFIL TEMP

| IBERFIL                     |                  | C  | C220           | C240   |
|-----------------------------|------------------|--|----------------|--|
| <b>Conductor</b>            |                  | Copper ETP-1 <sup>1</sup> (EN 13002)   |                |  |
| <b>Thermal class</b>        |                  | 210  | 220            | 240  |
| <b>Insulation</b>           | <b>Base coat</b> | Polyamideimide   | Polyamideimide | Polyamideimide filled with nanoparticles                                 |
|                             | <b>Overcoat</b>  | -  |                |  |
|                             | <b>Top coat</b>  | -  |                |  |
| <b>Standards</b>            |                  | IEC 60317-26   | IEC 60317-57   | IEC 60317-59   |
|                             |                  | -  | NEMA MW81      | -  |
| <b>UL approval</b>          |                  | -  |                |  |
| <b>Production range</b>     | <b>Grade 1</b>   | Ø 0,40 – 2,00  |                |  |
|                             | <b>Grade 2</b>   | Ø 0,40 – 2,00  |                |  |
|                             | <b>Grade 3</b>   | -  |                |  |
| <b>General properties</b>   |                  | Excellent thermal resistance.<br>Excellent resistance to mechanical stress.<br>Excellent resistance to chemical agents.<br>Very high cut-through temperature.  |                |  |
|                             |                  | -  | -              | Improved thermal resistance.<br>Improved mechanical abrasion resistance. |
| <b>Typical applications</b> |                  | Control gears, electric motors, electrical tools, pump drives, refrigerators and any application where improved thermal, mechanical and chemical properties are required.  |                |  |
| <b>Packaging</b>            |                  | Reels from DIN 200 to DIN 500.<br>Conical reels from DIN 250/400 to DIN 500/800.<br>Cover for reels from DIN 250/400 to DIN 500/800.<br>For more details see <a href="http://www.acebsa.com/">http://www.acebsa.com/</a> |                |  |

Notes:

- 1) Upon request, other quality standard may be supplied.