



## Enamelled round Copper wire – IBERFIL THERM

IBERFIL		HC	HC HD	HC SL
<b>Conductor</b>		Copper ETP-1 <sup>1</sup> (EN 13002)		
<b>Thermal class</b>		200		
<b>Insulation</b>	<b>Base coat</b>	Polyester or Polyesterimide		
	<b>Overcoat</b>	Polyamideimide		
	<b>Top coat</b>	-	-	Polyamideimide self-lubricated
<b>Standards</b>		IEC 60317-13		
		NEMA MW35	NEMA MW73	NEMA MW35/73
<b>UL approval</b>		UL E-103536		
<b>Production range</b>	<b>Grade 1</b>	Ø 0,10 - 6,50		
	<b>Grade 2</b>	Ø 0,10 - 6,50		
	<b>Grade 3</b>	Ø 0,20 - 3,50 <sup>2</sup>		
<b>General properties</b>		Very high thermal resistance. Excellent resistance to mechanical stress. Very good resistance to chemical agents. Very good mechanical abrasion resistance.		
		-	Improved freon resistance. Improved resistance against refrigerant agents.	Improved freon resistance. Excellent windability, high filling factors, high process speeds and reduced dust during winding operation.
<b>Typical applications</b>		E-Mobility, control gears, electrical tools, generators, polar windings, pump drives, refrigerators, transformers.		
		-	Hermetic applications and hermetic components	Winding on high-speed automatic machines. All winding demanding space reduction.
<b>Packaging</b>		Reels: From DIN 200 to DIN 500. Conical reels: From DIN 250/400 to DIN 630/935. Cover for reels from DIN 250/400 to DIN 500/800. 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.
- 2) Upon request, other diameters may be supplied.