

# Enamelled round Copper wire – IBERFIL FREQ



IBERFIL		HC AF	HC AFV	HC AFVG
<b>Conductor</b>		Copper ETP-1 <sup>1</sup> (EN 13002)		
<b>Thermal class</b>		200		
<b>Insulation</b>	<b>Base coat</b>	Polyesterimide	Polyesterimide filled with nanoparticles	Polyesterimide filled with nanoparticles
	<b>Overcoat</b>	Polyamideimide with mineral fillers	Polyamideimide	Polyamideimide with mineral fillers
	<b>Top coat</b>	-		
<b>Standards</b>		IEC 60317-13		
		NEMA MW35		
<b>UL approval</b>		UL E-103536		
<b>Production range</b>	<b>Grade 1</b>	-		
	<b>Grade 2</b>	Ø 0,30 - 2,00		
	<b>Grade 3</b>	Ø 0,30 - 2,00		
<b>General properties</b>		Excellent corona effect resistance. High cut-through temperature. Very high thermal resistance. Very good resistance to chemical agents. Excellent resistance to mechanical stress. Very good mechanical abrasion resistance.		
		Good partial discharges resistance.	Good partial discharges resistance.	Excellent partial discharges resistance.
<b>Typical applications</b>		Inverter driven motors.		
<b>Packaging</b>		Reels from DIN 200 to DIN 500. Conical reels from DIN 250/400 to DIN 500/800. 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.