



# Enamelled round Copper wire – IBERFIL SOLD

IBERFIL		S	SH
<b>Conductor</b>		Copper ETP-1 <sup>1</sup> (EN 13002)	
<b>Thermal class</b>		180	
<b>Insulation</b>	<b>Base coat</b>	Polyurethane	
	<b>Overcoat</b>	-	
	<b>Top coat</b>	-	Polyamide
<b>Standards</b>		IEC 60317-51	IEC 60317-55
		NEMA MW82	NEMA MW83
<b>UL approval</b>		UL E-103536	
<b>Production range</b>	<b>Grade 1</b>	Ø 0,10 - 2,00 <sup>2</sup>	
	<b>Grade 2</b>	Ø 0,10 - 2,00 <sup>2</sup>	
	<b>Grade 3</b>	-	
<b>General properties</b>		Directly solderable in a tin bath. Short soldertime. Natural color (red color upon request). High thermal resistance. Limited resistance to chemical agents.	
		-	High gliding properties. Excellent windability, high filling factors, high process speeds and reduced dust during winding operation.
<b>Typical applications</b>		Magnetic coils, energy transport, contactors, relays, small motors, transformers, car components, small motors, low power motors and measuring tools. Any application that requires direct solderability in a tin bath.	
		-	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 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.
- 2) Upon request, other diameters may be supplied.