



C/Estación s /n
 17457-Riudellots de la Selva (Girona-Spain)
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SPECIFICATIONS OF ENAMELLED COPPER WIRES

		“IBERFIL PI”
SPECIFICATIONS:		
Thermal class		W-240
Base coat		Polyimide
Overcoat		--
Temperature index 20.000 h.		240
Intersection point Tang. Delta		250°C
Heat shock		>300°C
Cut-through		> 450°C
Breakdown voltage		150 V/μm.
Flexibility and adherence		10% 1d
Resistance to solvents		Very good
Winding-ability		Excellent
Resistance to humidity		Excellent
Resistance to transformer oil		Excellent
Resistance to refrigerants		Excellent
Resistance to styrol		Excellent
MAIN APLICATION AREAS:	For aplications in high thermal, chemical and mechanical properties. Motors and generators with high temperature requirements and high cut-through.	
STANDARDS:		
	IEC-	60.317-46
	UNE - EN-	60.317-46
	DIN -	---
	NEMA -	(MW 16-C)
	UTE -	---
HOMOLOGATIONS:		
DIAMETER RANGE:		
	Gr-1 mm.	0,40 - 1,40
	Gr-2 mm.	0,40 - 1,40