



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

		“IBERFIL H”
SPECIFICATIONS:		
		High temperature resistant.
Thermal class		H-180
Base coat		Polyester-imide modified THEIC
Overcoat		Polyamide
Temperature index 20.000 h.		200
Intersection point Tang. Delta		180°C
Heat shock		200°C
Cut-through		300°C
Breakdown voltage		175 V/μm.
Continuity of insulation		0 – 2
Flexibility and adherence		75 %
Abrasion bidirectional		55
Abrasion unidirectional		18 gr/μm.
Resistance to solvents		3 H
Winding-Ability		Very good
Resistance to humidity		Very good
Resistance to transformer oil		Very good
Resistance to refrigerants		--
Resistance to styrol		Regular
Solderability		--
Heat bonding		--
Risoftening temperature		--
MAIN APLICATION AREAS:	Motors, Transformers, Cockes, Magnet-coils	
STANDARDS:		
	IEC-	60.317-22
	UNE - EN	60.317-22
	DIN -	46.416-5
	NEMA -	MW-30
	UTE -	NF C - 31.672
HOMOLOGATIONS:		
		UL E-103536
DIAMETER RANGE:		
	Gr 1 mm.	0,04 – 6,50
	Gr 2 mm.	0,07 – 6,50