



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

		RECTANGULAR “IBERFIL HC”
SPECIFICATIONS:		
		Very high temperature resistant thermal resistent
Thermal class		H-200
Base coat		Polyester-imide modified THEIC
Overcoat		Polyamide-imide
Temperature index 20.000 h.		200
Intersection point Tang. Delta		200°C
Heat shock		220°C
Cut-through		360°C
Breakdown voltage		40 V/μm.
Continuity of insulation		--
Flexibility and adherence		50%
Abrasion bidirectional		--
Abrasion unidirectional		--
Resistance to solvents		4 H
Winding-Ability		Excellent
Resistance to humidity		Excellent
Resistance to transformer oil		Good
Resistance to refrigerants		Excellent
Resistance to styrol		Excellent
Solderability		--
MAIN APLICACION AREAS:		Special motors, Transformers, Generateurs, etc.
STANDARDS:		
	IEC-	60.317-29
	UNE - EN	60.317-29
	DIN -	--
	NEMA -	MW-36 C
HOMOLOGATIONS:		
		UL-E103536
DIAMETER RANGE:		
	Gr 1 mm.	>2 mm² - a 100 mm²
	Gr 2 mm.	>2 mm² - a 100 mm²