



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

		“IBERFIL HC”
SPECIFICATIONS:		
	Very high temperature resistant thermal resists	
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	180 V/μm.	
Continuity of insulation	0 – 2	
Flexibility and adherence	75 %	
Abrasion bidirectional	100	
Abrasion unidirectional	20 gr/μm.	
Resistance to solvents	4 H	
Winding-Ability	Excellent	
Resistance to humidity	Excellent	
Resistance to transformer oil	Excellent	
Resistance to refrigerants	Excellent	
Resistance to styrol	Excellent	
Solderability	--	
Heat bonding	--	
Risoftening temperature	--	
MAIN APLICACION AREAS:	Cockes, Motors, Hermetic motors.	
STANDARDS:		
IEC-	60.317-13	
UNE - EN	60.317-13	
DIN -	46.416-7	
NEMA -	MW-35 C	
UTE -	NF C - 31.663	
HOMOLOGATIONS:		
	UL E-103536	
DIAMETER RANGE:		
Gr 1 mm.	0,14 – 4,00	
Gr 2 mm.	0,14 – 4,00	