



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

		<b>RECTANGULAR “IBERFIL H”</b>
<b>SPECIFICATIONS:</b>		
		Very high temperature resistant
<b>Thermal class</b>		<b>H-180</b>
<b>Base coat</b>		Polyester-imide modified THEIC
<b>Overcoat</b>		--
<b>Temperature index 20.000 h.</b>		<b>190</b>
<b>Intersection point Tang. Delta</b>		<b>180°C</b>
<b>Heat shock</b>		<b>200°C</b>
<b>Cut-through</b>		<b>300°C</b>
<b>Breakdown voltage</b>		<b>40 V/μm.</b>
<b>Continuity of insulation</b>		--
<b>Flexibility and adherence</b>		<b>50 %</b>
<b>Abrasion bidirectional</b>		--
<b>Abrasion unidirectional</b>		--
<b>Resistance to solvents</b>		<b>3 H</b>
<b>Winding-Ability</b>		--
<b>Resistance to humidity</b>		Very good
<b>Resistance to transformer oil</b>		Very good
<b>Resistance to refrigerants</b>		Good
<b>Resistance to styrol</b>		Regular
<b>Solderability</b>		--
<b>Heat bonding</b>		--
<b>Risoftening temperature</b>		--
<b>MAIN APLICATION AREAS:</b>		Special motors, Transformers
<b>STANDARDS:</b>		
	IEC-	60.317-28
	UNE - EN	60.317-28
	DIN -	46.417-BL1
	NEMA -	--
	UTE -	--
<b>HOMOLOGATIONS:</b>		
		UL-E103536
<b>DIAMETER RANGE:</b>		
	Gr 1 mm.	>2 mm <sup>2</sup> - a 100 mm <sup>2</sup>
	Gr 2 mm.	>2 mm <sup>2</sup> - a 100 mm <sup>2</sup>



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