



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

		<b>“IBERFIL S”</b>
<b>SPECIFICATIONS:</b>		
<b>Thermal class</b>	<b>H-180</b>	
<b>Base coat</b>	<b>Its enamel is based on a Polyurethane resin for a direct solderability</b>	
<b>Temperature index 20.000 hours</b>	<b>180</b>	
<b>Intersection point Tang. Delta</b>	<b>170°C</b>	
<b>Heat shock</b>	<b>200°C</b>	
<b>Cut-through</b>	<b>250°C</b>	
<b>Breakdown voltage</b>	<b>170 – 180 V/μm.</b>	
<b>Continuity of insulation</b>	<b>0 à 2 faults / 30 m.</b>	
<b>Flexibility and adherence</b>	<b>Good</b>	
<b>Abrasion unidirectional</b>	<b>17,5 grs. /μm.</b>	
<b>Winding-ability</b>	<b>Good</b>	
<b>Resistance to solvents</b>	<b>Good</b>	
<b>Solderability</b>	<b>390°C.</b>	
<b>STANDARDS:</b>		
<b>IEC -</b>	<b>60.317-51</b>	
<b>UNE - EN</b>	<b>60.317-51 - 211.001</b>	
<b>DIN -</b>	<b>---</b>	
<b>NEMA -</b>	<b>MW-82</b>	
<b>UTE -</b>	<b>---</b>	
<b>HOMOLOGATIONS:</b>		
<b>U.L. (Underwriters Laboratories Inc.)</b>	<b>E103536</b>	
<b>MAIN APLICATION AREAS:</b>	<b>Small motors, Relais, Magnef. coils, Measuring instruments.</b>	
<b>DIAMETER RANGE:</b>		
		<b>0,08 - 2,00 mm.</b>