



UNIWEELD IND. DE ELETRODOS LTDA

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COMERCIAL DESIGNATION: **ESSEN NICROWELD 82**

PATTERN: AWS ER Ni Cr 3

Alloy Elements	C	Ni	Cr	Mn	Fe	Ti
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APPLICATION FIELD	Special small rods and wires, indicated to similar applications ESSEN NICROWELD 2, like welding alloys INCONEL, INCOLOY; dissimilar weldings between these MONEL alloys, carbon steel and low alloy, stainless steel, nickel and others.					
TECHNICAL CHARACTERISTICS	Resistant to job temperatures between 196 – 600°C, covered with steel plates connected. There is a high resistance to heat and thermic shock					
MECHANICAL PROPRIETIES	Traction Resistance: min. 550 Rt (MPa)					
OPERATIONAL CHARACTERISTICS	For: TIG or MIG					
	Welding Position: Plain					
	∅ In small rods Packages	1,60x100mm 10 kg	2,40x1000m 10 kg	3,25x100 mm 10 kg		
	∅ In bobbins Package	1,20 15 kg				
WELDING TECHNIQUES	<p>Cleanness of the area is indispensable and essential to keep the extension of the arch always short, not to overload the electrode with excessive amperage, welding only when the electrode is very dry, prepare the junctions following the rules, thickness superior to 350mm, must be chamfered.</p> <p>* Registered Trademark of INCO – International Nickel Company</p>					