



UNIWELD IND. DE ELETRODOS LTDA

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COMERCIAL DESIGNATION: **ESSEN FB 2 IG**

PATTERN: AWS ER 70 S 6

CHEMICAL ANALYSIS FROM DEPOSIT	C	Si	Mn	Cu
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APPLICATION FIELD	Coppered small rods and wires for welding oxi-acetilenic and MIG process. Special for union welding in thin metal sheets, tubes, waggons, sourdines, escapes, tubulated furnitures and in maintenance factories in general.				
TECHNICAL CHARACTERISTICS	Technical Characteristics: The small rods welding ESSEN FB 2 is the process which provides low cost in a large scale of applications in big, medium and small industries of auto-parts. Indicated to Basis Metals: Sweet steel – tubes with thin walls – steels of carbon				
MECHANICAL PROPRIETIES	Traction Resistance: 37-42 Kp/mm ²				
OPERATIONAL CHARACTERISTICS	Small Rods: for torch Oxi-acetilenic		Neuter Flame		
	Bobbins: Process MIG with CO2				
	Welding Position: P.				
	∅ In mm	0,80 MIG 1,60 Vareta	1,00 MIG 2,40 Vareta	1,20MIG 3,20 Vareta	1,60MIG
	Package	Bobina 15-18 kg Vareta 10 kg	Bobina: 15-18 kg Vareta 10 kg	Bobina: 15-18 kg Vareta 10 kg	Bobina 15-18kg Vareta 10 kg
WELDING TECHNIQUES	Remove the dirt, ink and rust with the cutting tools, file, chopping knife, sandpaper. At the maintenance factories, bodyworkers and lighthouse men should use the ESSEN Calor Stop paste – thermic isolant up to 4.000C protecting and isolating inflammable parts or fragiles as plastic, glass, rubber and painting.				