



**UNIWELD IND. DE ELETRODOS LTDA**

Address: 1788, XV de Dezembro Avenue – Tanque do Moinho  
 Zip Code: 12.910-691 – Bragança Paulista – São Paulo – Brazil  
 Phone: (+55 11) 4035-8877 – Fax: (+55 11) 4603-2511  
 E-mail: [uniweld@uniweld.com.br](mailto:uniweld@uniweld.com.br)  
 Website: [www.uniweld.com.br](http://www.uniweld.com.br)

**Contact Uniweld**

**(+55 11) 4035-8877**

[sales@uniweld.com.br](mailto:sales@uniweld.com.br)

COMERCIAL DESIGNATION: **ESSEN AB 10 IG**

PATTERN: AWS ER Cu Al-A2

Alloy Elements Included	Al	Fe	Cu		
-------------------------	----	----	----	--	--

Application Field	Special small rods and wires, with chemical composition and applications similar to the electrode ESSEN B26 Al, however by the processes TIG and MIG. Its mainly applications are the coverings against friction and corrosion wastage in salty places and union of copper and its alloys among them and also with steel.					
Mechanical Proprieties	Traction Resistance: min. 415 RT (Mpa) Hardness: 130 a 150 HB					
Operational Characteristics	For process TIG and MIG					
	Welding Position: Plain					
	∅ In small rod	3,25mm	,4,00mm	5,00mm		
	∅ In bobbin	1,20mm				
Welding Techniques	Cleanness of the area is indispensable and essential to keep the extension of the arch always short, not to overload with excessive amperage, weld only the consume very dry, prepare the junctions following the rules, thickness superior to 350mm, must be chamfered.					

