



**UNIWEELD 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 8 IG**

PATTERN: AWS ER Cu Al-A1

Alloy Elements Included	Al	Mn	Cu		
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Application Field	Al Mn Cu Application Field: Special small rods and wires, indicated to coverings by the processes TIG and MIG of equipments used in refineries, chemical and petro chemical industries etc, which will suffer a wastage by friction in salty water and many acids in different concentrations. It is not recommended in union weldings.						
Mechanical Proprieties	Traction Resistance: min. 380 RT (Mpa) Hardness: 130 a 150 HB						
Operational Characteristics	For process TIG and MIG						
	Welding Position: Plain						
	∅ In small rod	1,60mm	2,00mm	2,40mm	3,25mm	4,00mm	5,00
	∅ In bobbin	1,00mm	1,20mm	1,60mm			
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.						