

ST-CuAl A2

**AWS A5.7 / ASME SFA 5.7 ERCuAl-A2
(Aluminum Bronze-A2)**

HYUNDAI WELDING CO., LTD.



❖ PRODUCT SPECIFICATIONS

AWS A5.7 / ASME SFA 5.7 ERCuAl-A2
EN ISO 14640 CuAl10
GB/T9460 SCu6180

❖ APPLICATIONS

- Widely used for ship construction, apparatus and plumbing

❖ KEY FEATURES

- Resistant to wear and abrasion
- Superior corrosion resistance to seawater
- Multi-layer hard-facing on steel
- Pulsed argon arc welding is recommended

❖ PACKING

Dia. (mm)	TIG
	1.6 – 4.0
Packaging	1000 mm * 5 kg

❖ Chemical Analysis of the Wire

Cu	Al	Fe	Mn	Ni	P	Pb	Si	Sn	Zn	Others
bal.	8.5-11.0	0.5-1.5	-	-	-	0.02	0.10	-	0.2	0.5

❖ Mechanical Properties

Tensile Strength (Rm)	Elongation
390 - 500 N/mm ²	35 %