

# **SM-CuAl A2**

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

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**HYUNDAI WELDING CO., LTD.**



## ❖ PRODUCT SPECIFICATIONS

AWS A5.7 / ASME SFA 5.7 ER CuAl-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)	MIG	TIG
	0.8 – 1.6	1.6 – 4.0
Packaging	15 kg Spool	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 <sup>2</sup>	35 %