

SM-Cu

**AWS A5.7/ ASME SFA5.7 ERCu
(Deoxidized Copper)**

HYUNDAI WELDING CO., LTD.



❖ **PRODUCT SPECIFICATIONS**

AWS A5.7/ ASME SFA5.7 ERCu

❖ **APPLICATIONS**

- **Zinc-Coated-Steel in auto bodies**
- **Brass**
- **Low-alloy copper**
- **Non-ferrous and low metal steel**
- **Cast iron**

❖ **KEY FEATURES**

- **Good mechanical properties**
- **Good crack resistance**
- **Gas welding and argon arc welding of red copper**

❖ **PACKING**

Dia. (mm)	MIG	TIG
	From 0.6 to 1.6	From 1.6 to 4.0
Packaging	From 1 to 15kg	5kg

❖ **Chemical
Analysis of the Wire**

Cu	Al	Fe	Mn	Ni	P	Pb	Si	Sn	As	Others
Min 98.0	0.01	-	0.50	-	0.15	0.02	0.50	1.0	-	0.50

❖ **Mechanical Properties**

Tensile Strength (Rm)	Elongation
210 – 220 N/mm ²	30 - 40%