

# **SM-Cu**

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

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**HYUNDAI WELDING CO., LTD.**

**❖ PRODUCT SPECIFICATIONS****AWS A5.7/ ASME SFA5.7 ERcCu****❖ 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 <sup>2</sup>	30 - 40%