

Wire used for welding copper based alloys: copper-silicon, copper-zinc... It is designed to join steel to copper and for steel coating. It is highly resistant to corrosion and high temperature. It is often used on galvanised steel.

■ Classification

AWS A5.7: ER CuSi3
EN ISO 24373: S Cu 6560 (CuSi3Mn1)
DIN 1733 SG-CuSi3

■ Applications

- HSS steels,
- Car Body work.

■ Benefits

- High quality weld.
- High resistance to corrosion.
- Resistance to high temperature.

■ Polarity

DC +

■ Chemical properties

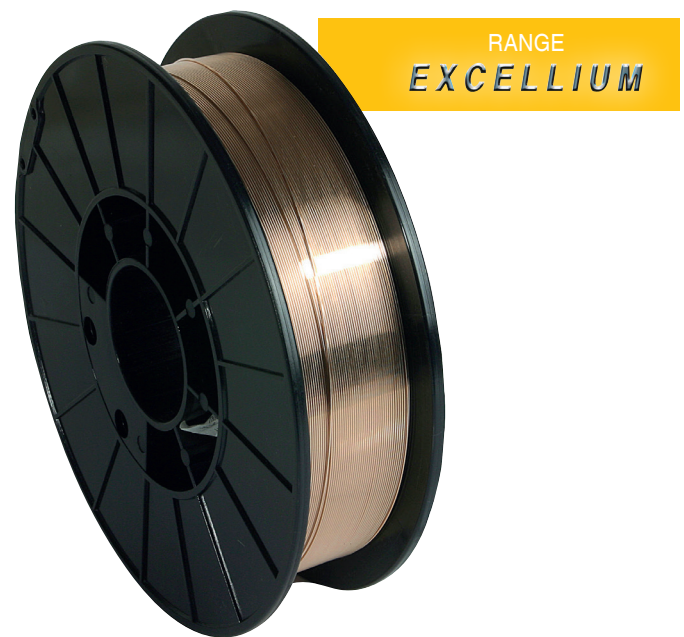
Al %	Si %	Mn %	Sn %	Zn %	Pb %	Fe %	P %
< 0.02	2.80 - 4.00	0.50 - 1.50	< 0.20	< 0.40	< 0.02	< 0.50	< 0.05

■ Mechanical properties

Rm	A 5 d
330-370 Mpa	40 %

■ Recommendations

Gas protection compliant with EN ISO 14175
100% Argon (I1) or 100% Helium (I2), mix Argon / Helium (I3)



Packaging

weight (kg)	Wire reel type		Wire diameter (mm)			
			Ø 0.6	Ø 0.8	Ø 1.0	Ø 1.2
5	S200	—	—	086210	—	—