SuperGlaze® SiBR

TOP FEATURES

- Designed for MIG brazing galvanized steel and other applications where a high quality finish is demanded
- High corrosion resistance
- Controlled chemistry to improve puddle fluidity
- Notably clean and smooth wire surface
- Suitable for GMAW, laser and plasma brazing

CLASSIFICATION

AWS A5.7	ERCuSi-A
EN ISO 24373	S Cu 6560 (CuSi3Mn1)

SHIELDING GASES (ACC. EN ISO 14175)

I1	Inert gas Ar (100%)
Flow rate	14-24 l/min (Argon)

TYPICAL APPLICATIONS

- Automotive component
- Galvanized steel
- Dissimilar metals
- Copper alloys with similar composition and brass
- Car body construction

CHEMICAL COMPOSITION (WEIGHT %), TYPICAL, WIRE

Al	Mn	Si
0.002	0.65	2.97

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

	Shielding gas	Condition	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	Hardness (HB)
Typical values	I1	AW	180	375	60	90

AW = As welded

OPERATING CURRENT RANGE

Diameter x Length (mm)	Current range (A)	Wire Feed Speed (m/min)	Voltage (V)	Flow rate (l/min)
1.0 mm	170-200	8-9	24-26	14-24
1.2 mm	195-215	7-8	26-28	14-24

AVAILABLE SIZES AND PACKAGING INFORMATION

Wire diameter (mm)	Packaging	Weight (kg)	Item number
1.0 mm	SPOOL (S300)	15.0	ED704014
	Gem-Pak®	227.0	ED704016
1.2 mm	SPOOL (S300)	15.0	ED704015
	Gem-Pak®	227.0	ED704017