708GB

TOP FEATURES

- Smooth bead appearance
- Initially design for gas bottle welding
- Very suitable as well for high speed fillet weld

CLASSIFICATION

Flux	EN ISO 14174: S A AR 1 99 AC H10

Flux/wire	EN ISO 14171-A	AWS A5.17
708GB / L-60	S 42 0 AR S1	F7A0 - EL12
708GB / L-61	S 42 0 AR S2Si	F7A0 - EM12K

CHEMICAL COMPOSITION (WEIGHT %), TYPICAL, ALL WELD METAL

Wire grade	C	Mn	Si	P	S
L-60	0.08	1.4	0.75	0.023	0.02
L-61	0.09	1.6	0.9	0.023	0.02

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

Wire grade	Condition	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	Impact ISO-V (J) -18°C
L-60	MR	440	570	33	30
L-61	MR	490	630	30	50

MR = Multi-Run

FLUX CHARACTERISTICS

Current type	DC(+/-)/AC
Solidification speed	High
Basicity (Boniszewski)	0.65
Density (kg/dm³)	1.3
Grain size (EN ISO 14174)	2 - 20

PACKAGING AND AVAILABLE SIZES

Packaging	Weight (kg)	Item number
PE BAG	25.0	BRL708GBS25
SRB BAG	25.0	111552

TEST RESULTS

Test results for mechanical properties, deposit or electrode composition and diffusible hydrogen levels were obtained from a weld produced and tested according to prescribed standards, and should not be assumed to be the expected results in a particular application or weldment. Actual results will vary depending on many factors, including, but not limited to, weld procedure, plate chemistry and temperature, weldment design and fabrication methods. Users are cautioned to confirm by qualification testing, or other appropriate means, the suitability of any welding consumable and procedure before use in the intended application

Safety Data Sheets (SDS) are available here:

Subject to Change – The information is accurate to the best of our knowledge at the time of printing.
Please refer to www.lincolnelectric.eu for any updated information.