SuperGlaze® TIG 5754

TOP FEATURES

- Magnesium alloyed aluminium for welding of alloys with a maximum of 3.5% Mg
- Good corrosion resistance and excellent colour match after anodizing
- Suitable for a wide range of applications in general construction and structural industry

TYPICAL APPLICATIONS

- General Construction
- Structural Industry

CLASSIFICATION

AWS A5.10	ER5754
EN ISO 18273-A	S Al 5754 (AlMg3)

SHIELDING GASES (ACC. EN ISO 14175)

I1	Inert gas Ar (100%)
I3	Inert gas Ar+ 0.5-95% He
Flow rate	14.2-23.6 l/min

APPROVALS

TÜV	CE
+	+

CHEMICAL COMPOSITION (WEIGHT %), TYPICAL, WIRE

Al	Si	Fe	Cu	Mn	Mg	Cr	Ti	Be
bal.	0.07	0.13	0.01	0.29	3.0	0.06	0.05	0.0004

Notes: Unspecified elements should not exceed a total of 0.15%

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

	Shielding gas	Condition*	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)
Typical values	I1	AW	70-80	180-200	15-20

* AW = As welded

PACKAGING AND AVAILABLE SIZES

Diameter x Length (mm)	Packaging	Weight (kg)	Item number
1,6	CARTON BOX	5.0	ED703743
2,0	CARTON BOX	5.0	ED703744
2,4	CARTON BOX	5.0	ED703745
3,2	CARTON BOX	5.0	ED703746

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:

SuperGlaze® TIG 5754-EN-11/10/22

LINCOLN ELECTRIC®