FLUXOFIL 14HDS

TOP FEATURES

- Precisely controlled degree of fill and easily controllable weld pool provide best in class operability and weldability
- Good quality of welds, increased electrode efficiency due to low spatter loss, easy slag removal
- Increased current carrying capacity and deposition rate
- Outstanding welding characteristics

TYPICAL APPLICATIONS

- Steel construction
- Pipeline
- Offshore
- Shipbuilding

CLASSIFICATION

AWS A5.20	E71T-1M-JH4
EN ISO 17632-A	T 46 4 P M21 1 H5

WELDING POSITIONS

All positions

SHIELDING GASES (ACC. EN ISO 14175)

M21	Mixed gas Ar+ 15-25% CO_2

APPROVALS

ABS	LR	BV	DNV	TÜV
+	+	+	+	+

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

C	Mn	Si	Ni
0.05	1.2	0.55	0.4

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

	Shielding gas	Condition*	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	Impact ISO-V (J) -40°C
Typical values	M21	AW	≥460	550-650	≥22	≥50

* AW = As welded

PACKAGING AND AVAILABLE SIZES

Wire diameter (mm)	Packaging	Weight (kg)	Item number
1.2	SPOOL (B300)	16.0	W000404044

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: