

Standards

TS EN ISO 26304	: S Z
EN ISO 26304	: S Z
AWS A5.23	: EA2TiB

Chemical Composition of Welding Wire % (Typical)

C	Si	Mn	Mo	B	Ti
0.08	0.15	1.10	0.55	0.015	0.15

Mechanical Properties

Submerged Arc Flux	AWS A5.23	Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Elongation ((Lo=5do) (%))	Impact Strength ISO-V(J)		
					0°C	-20°C	-30°C
ELIFLUX BFF	F8A0-EG-G	550	650	21	60	45	---
ELIFLUX BFB	F9A2-EG-G	580	660	28	---	---	60

Chemical Composition of Weld Metal - % (Typical)

Submerged Arc Flux	C	Si	Mn	Mo	Ti
ELIFLUX BFF	0.06	0.65	1.85	0.50	0.06
ELIFLUX BFB	0.06	0.50	1.70	0.50	0.06

Typical Base Material Grades

- Pipe steels: L485MB(X70)
- Boiler steels: 16Mo3
- Fine-grained steels: S460N, P460N

Features and Applications

- Specific applicability in welding high-strength low-alloyed steels and creep-resisting steels
- Serviceability at temperatures of values up to 500°C

Operating Data

Product Code	Diameter (mm) / (inch)		Weight (Kg)	Package Type
3010400236	2.4	3/32	25	K 435 *BIG PACK
3010400237	3.2	1/8	25	
3010400238	4.0	5/32	25	

* Packaging alternatives according to the order; 30 - 350 - 550 - 1000 Kg

Approvals: S2 Mo TiB: CE, SEPRO