



"WELD WITH THE BEST"

SUBMERGED ARC WELDING FLUX SnFLUX™ GP-2

Codification:

AWS: SFA 5.17 F7AZEL-8, F7A0-EM12K

Characteristics & Applications:

SnFLUX GP-2 is an agglomerated alumina-rutile acidic type flux suitable to weld low-medium strength steel structure below 25mm thick plates. The weld with this flux is heaving good radiographic weld quality and very commonly used for fillets & butt weld. The slag detachability is good and smooth weld bead shining.

SnFLUX GP-2 is suitable for general steel structural, pipe welding & pressure vessel steels, machine & earth moving equipment's girders, ship building steels like; IS 2062, Gr.516 Gr.60, ASTM A285 Gr. C, ASTM A-36, BS:1501-151 Gr. 400.

Chemical Composition of All-Weld Metal, WT% (Typical)

Wire Grade	C	Mn	Si	S	P
SFA 5.17 EL-8	0.07	1.00	0.40	0.025	0.028
SFA 5.17 EM-12K	0.08	1.20	0.60	0.024	0.026

Mechanical Properties of All-Weld Material (Typical):

Wire Grade	YS (Mpa)	UTS Mpa	EL (L=4d) %	Impact, J at		
				RT	0°C	-20°C
SFA 5.17 EL-8	420	500	28	54	30	-
SFA 5.17 EM-12K	430	510	26	60	40	30

Major Constituents:

SiO ₂ + TiO ₂	CaO + MgO	Al ₂ O ₃ + MnO	CAF ₂
25%	5%	50%	25%

BASICITY INDEX : ~0.7
GRAIN SIZE : 0.35-1.60 mm
PACKAGING : 25 kg.
RE-DRYING CONDITIONS : 300-350°C for 2 hours before use.

Manufactured By :

ENNATEK INDUSTRIES PVT. LTD.

House No. 50, Gram Bardari, Tehsil Malharganj, Indore, Madhya Pradesh - 453111

+91 87705 04434

ennatekindustries@gmail.com

www.ennatekindustries.com