

❖ Product Description

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| I. Agglomerated fluoride basic type of flux | V. Current type DCEP/AC |
| II. Extra high basic flux having basicity index 3.1 | VI. With EH 10k wire neutrality number is 5 |
| III. Suitable for carbon and low alloy steel | VII. Comes with grain size ranges from 0.25-2.0mm |
| IV. Give better results for speeds between 0.4-0.6 m/min | |

❖ Range of Application

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| I. Fabrication of boiler and pressure vessels | II. Fabrication of heavy equipment, reactors & steam generators |
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❖ Classification

AWS/SFA 5.17 F7A8/P8 EH 10K

AWS/SFA 5.17 F7A8/P8 EH 12K

AWS/SFA 5.23 F7A6/P6 EA 2

❖ % Chemical Composition of Weld Deposits (weight %)

F7AZ-EH10K (With 4.00 mm Wire Dia. Size)	Typical Values	C	Mn	Si	P	S
		0.09	1.20	0.5	0.022	0.019

❖ Mechanical Properties of all weld metal

Condition with EH 10K	UTS, Mpa (Min)	YS, MPa (Min)	% Elongation	Charpy "v" Notch Impact @ 0°C
As Welded	525	420	30	45

❖ Flux Sieve Analysis

Mesh Size	2.00	1.70	1.40	1.18	1.00	0.850	0.50	0.250
Typical Values	1.3%	5.60%	21.6%	5.2%	30.6%	6.4%	29.2%	0.1%

❖ Packaging

Available in 25 kg HD Poly lined Bag

Special Notes: -

- (1) All the value above mentioned are typical values.
- (2) Usually all chemistry and mechanical properties will depend on actual wire chemistry and arc voltage used for welding.

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