

Agglomerated Fluxes And Wires For Submerged Arc Welding

SUPERMELT - 12 K

AWS Classification (AWS - SFA - A 5.17) - EM12K

HARDNESS (on two layer deposits) BHN –

APPLICATIONS

Copper coated medium manganese alloyed wire for submerged arc welding and electroslag welding of medium and high tensile steels.

CHEMICAL COMPOSITION (%)

C	Mn	Si	S	P	Cr	Mo	Cu
0.05-0.15	0.80-1.25	0.10-0.35	0.03 Max.	0.03 Max.	–	–	0.35 Max.

MECHANICAL PROPERTIES

Y.S. MPa (Min)	U.T.S. MPa	ELONG. %(Min)	IMPACT JOULE(Min)
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