

Agglomerated Fluxes And Wires For Submerged Arc Welding

SUPERMELT - III

AWS Classification (AWS - SFA - A 5.17) - F-7AO-EL8

HARDNESS (on two layer deposits) BHN

APPLICATIONS

Suitable for single & multiple pass welding of mild steel and high tensile steel application requiring high strength and sub zero impact properties, suitable for pressure vessels, Nuclear fabrication, ship building, earth moving equipment and penstoke shell etc.

CHEMICAL COMPOSITION (%)

C	Mn	Si	S	P	Cr	Mo	Cu
0.10 Max.	1.40-1.80	0.25 -0.55	0.03	0.03	-- Max.	-- Max.	--

MECHANICAL PROPERTIES

Y.S. MPa (Min)	U.T.S. MPa	ELONG. %(Min)	IMPACT Joule(Min)
400.0	480-660	22.0	27-J at -20°C

