

Agglomerated Fluxes And Wires For Submerged Arc Welding

SUPERMELT - V

AWS Classification (AWS - SFA - A 5.17) - F-7AZ/PZ EL8

HARDNESS (on two layer deposits) BHN

APPLICATIONS

SUPERMELT-V is excellent silico-aluminate type flux for high speed welding with exceptionally good welding characteristics. The flux produces high quality of weld metal with self removable slag. Highly suitable for narrow gap welding, recommended for single and multiple welding of structural steel, boilers, heavy machinery, bridges, ship, H-beam, Agricultural implements and general fabrication

CHEMICAL COMPOSITION (%)

C	Mn	Si	S	P	Cr	Mo	Cu
0.10 Max.	1.20-1.70	0.30-0.60	0.03 Max.	0.03 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 - RT

