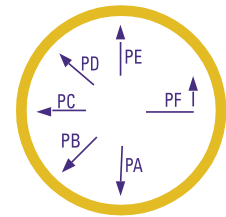


Applications

ER5183 alloy welding wires contains ALMg4.5Mn0.7 with high strength and excellent corrosion resistance, widely used for Pressure vessels, Nuclear, Shipbuilding, Boilers and Aviations.



Typical Chemical Composition of All-Weld Metal (%)

Si	Fe	Cu	Mn	Mg	Zn	Be	Ti	Cr	Other
0.25	0.10	0.13	0.75	4.8	0.05	0.0003	0.10	0.10	Other

Typical Mechanical Properties of All-Weld Metal

Y S (MPa)	TS (MPa)	EL (%)	Temp °C
145	296	16	20

Shielding Gas

Argon, Helium or Argone/ Helium-mixture

Dimensions and Packing Details

Mig wire - 0.8, 1.0, 1.20, 1.60 and packing 0.5kg/S100, 7kg/S300

Tig rod - 1.60, 2.0, 2.40, 3.20, 4.0 and packing 5kg/10kg X1000mm