

Product : Submerged arc wire
Type : AWS EM12K
Dia. : 2.4, 3.2, 4.0, 5.0mm

Ecopower®

Chemical Composition(%)

Elements	C	Mn	Si	P	S	Cu	Ni	Cr
Test result	0.09	1.07	0.2	0.11	0.11	0.09	--	--

Mechanical Properties Of Deposited Metal

Item	Tensile Strength (Mpa)	Yield Point (Mpa)	Elongation (%)	Impact Tem(°C)	Impact Value(J)	X-ray	Surface Quality
Test result	535	455	30	-20	88	I	OK

Product : Submerged arc wire
Type : AWS EL12
 Dia. : 2.0, 2.4, 3.2, 4.0mm
 Packing : 30kgs/roll



Chemical Composition(%)

Elements	C	Mn	Si	P	S	Cu	Ni	Cr
Test result	0.09	0.5	0.01	0.011	0.011	0.08	--	--

Mechanical Properties Of Deposited Metal

Item	Tensile Strength (Mpa)	Yield Point (Mpa)	Elongation (%)	Impact Tem(°C)	Impact Value(J)	X-ray	Surface Quality
Test result	535	450	30	-20	86	I	OK