

## Quality Certification

Customer:	WELDSOLUTIONS	Certificado #	VR LAB.87 24/04/001	Product:	ER70S6045X250
Quantity:	10,000.00 Kgs	Specification:	ASME/A WS A5.18	Date of Production:	17-ABRIL-24
Heat:2D8160/4					

### Typical Chemical Composition (%)

			C	Mn	Si	P	S	Cu	Ni	Cr	Mo	V
SIZE	LOTE #	Unite weight	0.06-0.15	1.40-1.85	0.80-1.15	0.025 Max.	0.035 Max	0.50 Max	0.15 Max	0.15 Max	0.15 Max	0.03 Max
0.045"	24047001	250 Kgs	0.097	1.438	0.829	0.017	0.019	0.069	0.022	0.065	0.007	0.006

### Test of Mechanical Property

### Impact Test

SIZE	Unite weight	Yield Strength (MPa)	Tensile Strength (MPa)	Elongation (%)	Temperature (°C)	Impact value (j)
	Standard	400 min	490 min	22 min	-30	27 min
0.045"	250 Kgs	422	534	27.7	-30	69

**AWS A5.18**