

## Quality Certification

Customer:	WELDSOLUTIONS	Certificado #	VR LAB.87 22/10/002	Product:	ER70S6045X250
Quantity:	10,000.00 Kgs	Specification:	ASME/A WS A5.18	Date of Production:	08-OCTUBRE-22
Heat:14B101/4					

## 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"	22091002	250 Kgs	0.071	1.52	0.93	0.015	0.017	0.21	0.022	0.023	0.005	0.004

### 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	421	529	28.3	-30	98

**AWS A5.18**