

Quality Certification

Customer: WELDSOLUTIONS Certificado # 16689214612 Product: ER70S6045X20
 Quantity: 8,640.00 Kgs Specification: ASME/A WS A5.18 Date of Production: 25-SEP-2026
 Heat: 16689214612

Typical Chemical Composition (%)

			C	Mn	Si	P	S	Cu	Ni	Cr	Mo	V
SIZE	LOTE #	Unite weight	0.15-0.06	1.85-1.40	1.15-0.80	0.025 Max.	0.035 Max	0.50 Max	0.15 Max	0.15 Max	0.15 Max	0.03 Max
0.045"	16689214612	20 Kgs	0.080	1.460	0.840	0.017	0.010	0.110	0.020	0.030	0.002	0.001

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"	20 Kgs	440	535	29	-30	106 108 113 (109)

AWS A5.18

WeldSolutions 

WS SOLDADURAS Y ADITAMIENTOS
 S.A. DE C.V.
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 R.F.C. CDC-120821-T96

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