

Quality Certification

Customer: WELDSOLUTIONS Certificado # 12477282196 Product: ER70S6045X20
 Quantity: 1,920.00 Kgs Specification: ASME/A WS A5.18 Date of Production: 25-JUL-2026
 Heat: 12477282196

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"	12477282196	20 Kgs	0.070	1.510	0.820	0.025	0.015	0.082	0.032	0.045	0.007	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"	20 Kgs	452	548	28	-30	99 101 120 (102)

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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