



**Quality Certification**

**Customer: WELDSOLUTIONS**

**Order # 171116**

**Product: E71T-1**

**Quantity: 1054 spools**

**Total Weight: 20,640 Kgs.**

**Date of Production: Oct 2021**

Chemical Composition												Ext. Dimension:	Surface Quality:	
			C	Si	Mn	P	S	Mo	Cu	Ni	Cr			V
SIZE	LOT #	Unit Weight	Max. 0.18	Max. 0.90	Max. 1.75	Max. 0.03	Max 0.03	Max 0.03	Max 0.35	Max 0.50	Max 0.20	Max. 0.08		
1/16"	WS7110FL16	33 lbs / spool	0.049	0.047	1.4	0.014	0.007	0.008	0.022	0.011	0.023	0.014	OK	OK

Test of Mechanical Properties						
SIZE	Unit Weight	Yield Strength	Tensile	Elongation	Impact	Test
		(Mpa)	Strength (Mpa)	(%)	Value (J)	Temp
1/16"	33 lbs / spool	470	550	28	110	(-) 20 °C

**AWS Classes: E71T-1C, E71T-1M**

**According to Standard: AWS A5.36 ISO: 14341-A-G3Si1**

**Certificacion ABS, LR, KR, BV, DNV, GL, NK, TUV,  
CWB, U-SIGN, CCS, CRS.**

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