

AWS	Chemical Composition of Deposit Metal									Mechanical Performance of Deposit Metal				
										cb	as	65	Impact Work Akv	
	C	SI	MN	S	P	CR	NI	MO	CU	MPa	MPa	%	°C	J
E71T-1	≤ 0.18	≤0.90	≤1.75	≤0.03	≤0.03	≤0.20	≤0.50	≤0.30	≤0.30	≤480	≤400	≤22	-20	≤27
E81T1-Ni1	≤ 0.15	≤0.80	0.80- 1.40	≤0.03	≤0.03	≤0.15	0.80- 1.10	0.20- 0.65	0.30- 0.75	550-690	≤470	≤19	-40	≤27
E71T-1W	≤ 0.12	0.35- 0.80	0.50- 1.30	≤0.03	≤0.03	0.45- 0.70	0.40- 0.80			550-690	≤470	≤19	-30	≤27
E80T5-B2	≤ 0.12	≤0.80	≤1.25	≤0.03	≤0.03	1.0- 1.50		0.40- 0.65		550-690	≤470	≤19		≤27
E308T-1	≤ 0.08	≤1.0	0.50- 2.50	≤0.03	≤0.04	18.0- 21.0	9.0- 11.0		0.5	≤ 550		≤35		
E347T-1	≤ 0.08	≤1.0	0.50- 2.50	≤0.03	≤0.04	18.0- 21.0	9.0- 11.0		0.5	≤ 520		≤25		
E390T-1	≤ 0.10	≤1.0	0.50- 2.50	≤0.03	≤0.04	22.0- 25.0	12.0- 14.0		0.5	≤ 550		≤25		