

9 June 1979

184025
~~4592~~
 5255.639
 $\frac{100 \times (A_1 \times M_1)}{(A_1 \times M_1) + (A_2 \times M_2) + \dots} = M_1$
 wt% =
 at%

+400c acetn

14V DC

or 3 HNO₃ : 1 H₂O < 50 A₂

17/7 PH Stainless Steel

0.074 C 0.54 Si 0.66 Mn 0.025 P

0.015 S 16.90 Cr 7.02 Ni 1.17 Al

Fe 73.596 wt%
 71.41 at%

C 0.074 wt%
 Si 1.05 wt%
 Mn 0.65 wt%
 P 0.044 wt%
 S 0.025 wt%
 Cr 16.90 wt%
 Ni 6.465 wt%
 Al 2.35 wt%

Patient Steel Wire

wt% 0.84 C 0.21 Si 0.029 S 0.015 P 0.64 Mn

from same batch, but thicker wire

PE16

wt%	Cr	Ni	Mo	Fe	Al	Si	Ti	Mn	Co	Zr
	17.6	35.3	4.85	39.2	1.11	0.2	1.12	0.1	0.3	0.01
at wt	52.0	58.71	95.44	53.85	26.98	28.09	47.90	54.94	58.93	91.22
at%	19.25	34.20	2.88	39.92	2.34	0.04	1.33	0.01	0.03	0.06