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Table 1

Chemical composition of alloy 690 used in this experiment (wt.%).

Ni	Cr	Fe	C	N	S	Mo	Co
Bal.	29.4	9.53	0.013	0.008	0.001	0.01	0.001
Al	Cu	Ti	Nb	Si	P	B	Mn
0.19	0.01	0.2	0.001	0.21	0.001	0.02	0.25