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## LIST OF SYMBOLS

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### 1: Abbreviations

$\gamma$	Gamma phase (austenitic matrix)
wt.%	Weight percentage
t	time
$k_p$	Parabolic rate constant
$\mu\text{m}$	micron

### 2. Acronyms

SASS 904L	SUPER AUSTENITIC STAINLESS STEEL 904L
#600 GRIT	POLISHED WITH EMERY PAPER OF 600 GRIT
SM1	SALT MIXTURES OF 20wt% NaCl + 30wt% Na <sub>2</sub> SO <sub>4</sub> + 20wt% KCl + 30wt% K <sub>2</sub> SO <sub>4</sub>
SM2	SALT MIXTURES OF 30wt% NaCl + 20wt% Na <sub>2</sub> SO <sub>4</sub> + 30wt% KCl + 20wt% K <sub>2</sub> SO <sub>4</sub>
SEM	SCANNING ELECTRON MICROSCOPY
EDS	ENERGY DISPERSIVE X-RAY SPECTROSCOPY
BSE	BACK SCATTERED ELECTRON SPECTROSCOPY
EPMA	ELEXTRON PROBE MICRO ANALYSIS
XRD	X-RAY DIFFRACTION
RAMAN	RAMAN SPECTROSCOPY