**SUPPLEMENTARY MATERIAL**

**TABLES**

**TABLE SI:** Relative number fraction (%) of Type I, II and III clusters in different heat treatment conditions of C21 and C23.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Steel | Heat treatment condition | *Type I* | *Type II* | *Type III* |
| C21 | AQ | 73.46 | 17.42 | 9.12 |
| 400 | 47.23 | 32.09 | 20.68 |
| C23 | AQ | 45.06 | 21.43 | 33.51 |
| 400 | 42.26 | 33.68 | 24.06 |
| 450 | 34.12 | 35.44 | 30.44 |
| 500 | 38.06 | 32.28 | 29.66 |

**TABLE SII:** Chemical compositions (in wt. %) of the steels

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Steel | C | Ni | Co | Cr | Mo | Fe |
| C21 | 0.38 | 14.45 | 15.68 | 1.93 | 0.93 | Bal. |
| C23 | 0.36 | 13.96 | 15.04 | 1.95 | 3.20 | Bal. |