

Erratum: “Structural characterization of a new layered-ternary Ta₄AlC₃ ceramic” [J. Mater. Res. 21, 2587 (2006)]

Z.J. Lin and M.J. Zhuo

Shenyang National Laboratory for Materials Science, Institute of Metal Research, Chinese Academy of Sciences, Shenyang 110016, People's Republic of China; and Graduate School of Chinese Academy of Sciences, Beijing 100039, People's Republic of China

Y.C. Zhou,^{a)} M.S. Li, and J.Y. Wang

Shenyang National Laboratory for Materials Science, Institute of Metal Research, Chinese Academy of Sciences, Shenyang 110016, People's Republic of China

(Received 15 November 2006; accepted 16 November 2006)

After this article appeared in the October 2006 issue of *Journal of Materials Research*, an error was identified in TABLE I. The correct table is shown below.

TABLE I. Summary of structural parameters for the Ta₄AlC₃.

| | | |
|---------------------------|--|----------------------|
| Formula | Ta ₄ AlC ₃ | |
| Space group | <i>P</i> 6 ₃ / <i>mmc</i> (No. 194) | |
| Lattice constants (nm) | <i>a</i> = 0.3091(8) | <i>c</i> = 2.3708(2) |
| | (Experimental) | (Experimental) |
| | <i>a</i> = 0.30699 | <i>c</i> = 2.41975 |
| | (Calculated) | (Calculated) |
| Atomic positions | Ta1 4(<i>f</i>) | (1/3, 2/3, 0.05524) |
| | Ta2 4(<i>f</i>) | (2/3, 1/3, 0.16016) |
| | Al 2(<i>c</i>) | (1/3, 2/3, 1/4) |
| | C1 2(<i>a</i>) | (0, 0, 0) |
| | C2 4(<i>e</i>) | (0, 0, 0.11125) |

^{a)} Address all correspondence to this author.

e-mail: yczhou@imr.ac.cn

DOI: 10.1557/JMR.2006.0310e