

The plasma electrolytic oxidation micro-discharge channel model and its microstructure characteristic based on Ti tracer

Fangyuan Gao^{a,b}, Li Hao^a, Guang Li^{a,b,*}, Yuan Xia^{a,b}

a Institute of mechanics, Chinese Academy of Sciences, Beijing 100190, China

b University of Chinese Academy of Sciences, Beijing 100049, China

E-mail:

Fangyuan Gao, gaofangyuan@imech.ac.cn

Li Hao, haoli@cass.org.cn

Guang Li, lghit@imech.ac.cn

Yuan Xia, xia@imech.ac.cn

Corresponding author:

Guang Li*

Address: No.15 Beisihuanxi Road, Institute of Mechanics, Chinese Academy of Sciences, Beijing 100190, China

E-mail: lghit@imech.ac.cn

Tel.: +86 010 82545007

Corresponding author: Guang Li

Email: lghit@imech.ac.cn

Mail address: 15 Beisihuanxi Rd., Beijing 100090 China

Tel: +86-10-82545007

Highlights

- The discharge channel's shape and the structure of the ceramic coatings were investigated.
- A schematic model of the individual discharge channel was proposed based on Ti tracer method.
- β -Al₂O₃ was found as the transitional phase of Al₂O₃ existed in the ceramic

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