

Accepted Manuscript

Impact toughness and microstructural response of Ti-17 titanium alloy subjected to laser shock peening



Shuai Huang, Ying Zhu, Wei Guo, Peng Peng, Xungang Diao

PII: S0257-8972(17)30736-3
DOI: doi: [10.1016/j.surfcoat.2017.07.045](https://doi.org/10.1016/j.surfcoat.2017.07.045)
Reference: SCT 22531
To appear in: *Surface & Coatings Technology*
Received date: 8 May 2017
Revised date: 3 July 2017
Accepted date: 20 July 2017

Please cite this article as: Shuai Huang, Ying Zhu, Wei Guo, Peng Peng, Xungang Diao , Impact toughness and microstructural response of Ti-17 titanium alloy subjected to laser shock peening, *Surface & Coatings Technology* (2017), doi: [10.1016/j.surfcoat.2017.07.045](https://doi.org/10.1016/j.surfcoat.2017.07.045)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Impact toughness and microstructural response of Ti-17
titanium alloy subjected to laser shock peening

Shuai Huang ^a, Ying Zhu ^b, Wei Guo ^{b*}, Peng Peng ^b, Xungang Diao ^a

*a. School of Physics and Nuclear Energy Engineering, Beihang university, Beijing,
100191, PR China*

*b. School of Mechanical Engineering and Automation, Beihang university, Beijing,
100191, PR China*

*Corresponding author: Wei Guo

XueYuan Road No.37, BeiHang University, HaiDian District, Beijing, China,

E-mail addresses: gwei@buaa.edu.cn

Download English Version:

<https://daneshyari.com/en/article/5464626>

Download Persian Version:

<https://daneshyari.com/article/5464626>

[Daneshyari.com](https://daneshyari.com)