

Response to Reviewer 3 Comments

Dear Reviewer,

Thank You very much for Your valuable comments. We received them with great respect. We also would like to thank You for the possibility to make the improvements. We appreciate it very much!

All changes in the article are highlighted in green.

Comments from PDF document:

Point 1: Weight losses are better compared directly, with no necessity to use parametric methods.

Response 1: Thank You for Your comment. The sentence has been changed (lines 27 - 28).

Point 2: Tensile strength is marked by "sigma", not by R. Please, correct.

Response 3: Thank YOU very much for the note.

Stress is generally indicated by the symbol "sigma", but specific stress values such as yield strength and tensile strength can be indicated by the symbols R_m and R_e , as defined, e.g. by ISO 6892 -1: 2016 (E).

Point 3: Why do You use Mohs hardness? It is better to use more unified hardness, like HRC or HV.

Response 3: Thank You for Your comment. The Mohs scale was removed from the previous section and replaced with the hardness of HRC and HV (lines 229-230) already in the first round of responses to reviewers' comments. We forgot to delete it here. We apologize for this, it's our fault.

Point 4: The quality of the figure should be improved. Especially numbers and letters (Fig. 7).

Response 4: Thank You for Your comment. The figure has been modified (line 250).

Point 5: Here You have sigma. It is correct. But earlier in the text it was designated as R. Please, correct.

Response 6: Thank You for Your comment. In this case, "sigma" means variance of material weight loss values. The mark of values variance is from the literature [34, 35]:

- Schmidtova, J.; Vacek, V. *Applied statistics*; TU in Zvolen: Zvolen, Slovakia, 2013; pp. 85-102

- Markechova, D.; Tirbakova, A.; Stehlikova, B. A basis of statistics for *Fundamentals of statistics for teachers*; Faculty of Natural Sciences UKF: Nitra, Slovensko, 2011; pp. 115-154

Point 6: Is this wear track? (Fig. 10)

Response 6: Thank You for Your comment. The figure has been modified, line 373.

All other improvements made based on YOUR comments have been incorporated directly into the manuscript and are marked in green. **THANK YOU for all of them!**