

Electronic Supplementary Material

Quantitative analysis of the tribological properties of phosphate glass at the nano- and macro-scales

Huimin QI¹, Wen HU¹, Hongtu HE¹, Yafeng ZHANG¹, Chenfei SONG², Jiaxin YU^{1,2,*}

¹ Key Laboratory of Testing Technology for Manufacturing Process in Ministry of Education, State Key Laboratory of Environment-friendly Energy Materials, Southwest University of Science and Technology, Mianyang 621010, China

² National United Engineering Laboratory for Advanced Bearing Tribology, Henan University of Science and Technology, Luoyang 471023, China

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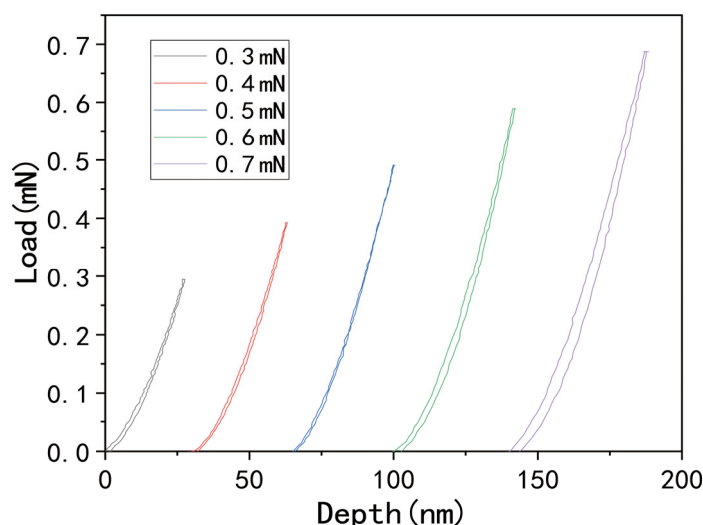


Fig. S1 Load-depth curves obtaining by nanoindentation on phosphate laser glass against a spherical diamond tip with a radius of 0.59 μm . When the load is higher than 0.5 mN, the loading and unloading curves do not coincide with each other, which indicates that plastic deformation occurs. Using Hertz contact mode, the maximum contact pressure for plastic deformation in PL glass was determined as 10.8 GPa.

* Corresponding author: yujiaxin@swust.edu.cn