

## Article

# Supplementary Materials: Comparison of Tribological Characteristics of AA2024 Coated by Plasma Electrolytic Oxidation (PEO) Sealed by Different Sol–Gel Layers

Hafiza Ayesha Khalid <sup>1,2</sup>, Sajjad Akbarzadeh <sup>1,2</sup>, Yoann Paint <sup>3</sup>, Véronique Vitry <sup>2</sup> and Marie-Georges Olivier <sup>1,3,\*</sup>
<sup>1</sup> Materials Science Department, Faculty of Engineering, University of Mons, 20, Place du Parc, 7000 Mons, Belgium; hafizaayesha.khalid@umons.ac.be (H.A.K.)

<sup>2</sup> Metallurgy Department, Faculty of Engineering, University of Mons, 20, Place du Parc, 7000 Mons, Belgium; veronique.vitry@umons.ac.be

<sup>3</sup> Materia Nova Research Centre, 1, Avenue N. Copernic, Parc Initialis, 7000 Mons, Belgium

\* Correspondence: marjorie.olivier@umons.ac.be

**Table S1.** Composition of the sol-gel used to seal PEO pores through dip coating.

Composition		
PSG		TEOS: 20% (v/v), GPTMS: 10% (v/v), Ethanol: 10% (v/v), Deionized water: 60% (v/v).
PSG-MT	Si-based precursor	TEOS: 10% (v/v), GPTMS: 10% (v/v), MTES: 10% (v/v), Ethanol: 10% (v/v), Deionized water: 60% (v/v).
PSG-AP		TEOS: 15% (v/v), APTES: 15% (v/v), Ethanol: 56% (v/v), Deionized water: 14% (v/v), Acetic acid: drop by drop until pH 4.5 is obtained.
		Mixture of two sols:
PSG-ZT	Si/Zr – based precursor	Sol-1 — TEOS: 0.18 mol, MAPTAMS: 1 mol, Deionized water: 2.075 mol, HCl: 0.001 mol.
		Sol-2 — ZTP: 0.12 mol, MAA: 0.12 mol, IPA: 0.4 mol.

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