

Supplementary Material

Improvement of Mechanical Properties and Solvent Resistance of Polyurethane Coating by Chemical Grafting of Graphene Oxide

Guotao Liang ^{1,†}, Fengbiao Yao ^{1,†}, Yanran Qi ^{1,†}, Ruizhi Gong ^{1,†}, Rui Li ², Baoxuan Liu ³, Yueying Zhao ⁴, Chenglong Lian ^{1,4,*}, Luming Li ^{5,*}, Xiaoying Dong ^{1,*} and Yongfeng Li ^{1,*}

- ¹ State Forestry and Grassland Administration Key Laboratory of Silviculture in Down-Stream Areas of the Yellow River, College of Forestry, Shandong Agricultural University, Tai'an 271018, China; gtaoliang@163.com (G.L.); fengbiaoyao@163.com (F.Y.); qyran1994@163.com (Y.Q.); ruizhigong789@163.com (R.G.)
- ² School of Automation, Chongqing University of Posts and Telecommunications, Chongqing 400065, China; lirui@cqupt.edu.cn
- ³ Shandong Laucork Development Co., Ltd., Jining 272100, China; liubaoxuan123@126.com.
- ⁴ Postdoctoral Innovation Practice Base, Shandong Xiguang Group Co., Ltd., Jining 277600, China; xgsyyf@126.com (Y.Z.)
- ⁵ College of Chemistry and Materials Engineering, Zhejiang A&F University, Hangzhou 311300, China
- * Correspondence: lyjj917@sdau.edu.cn (C.L.); llm@zafu.edu.cn (L.L.); dxiaoying1982@163.com (X.D.); lyf288@hotmail.com (Y.L.); Tel.: +86 538 8240610 (Y.L.)
- † These authors contributed equally to this work.

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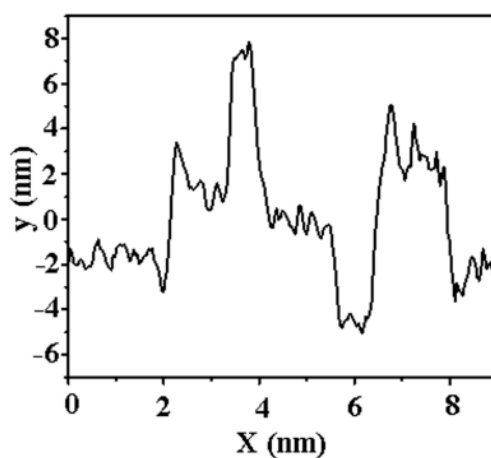


Figure S1. AFM cross section of GO.



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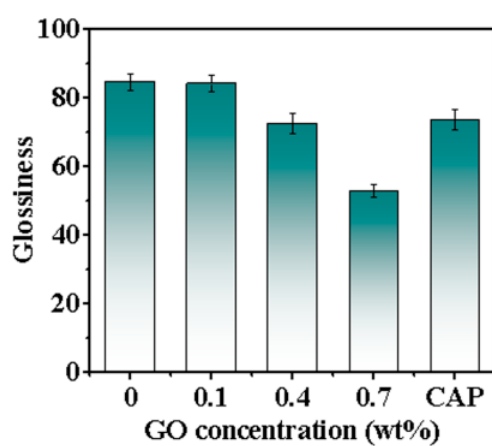


Figure S2. Glossiness of paint films.

Table S1. Other performance tests of paint films.

Sample	Surface Dring Times(min)	Hard Dring Times(min)	Pencil Hard-ness	Adhesion
WPU	29.6	55	2B	1
GO-WPU-0.1	29.5	55.3	B	1
GO-WPU-0.4	29.9	58.7	B	1
GO-WPU-0.7	30.2	61.6	B	2
CAP	33.9	72.6	2B	1

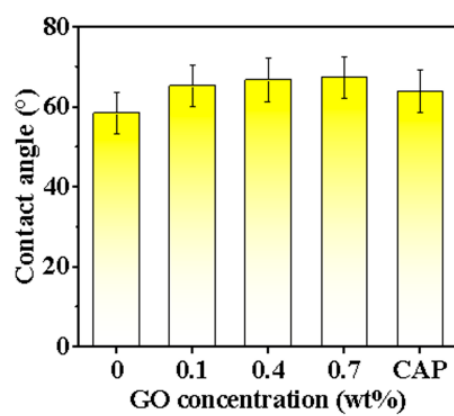


Figure S3. Contact angle of paint films.