## Accepted Manuscript

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PII: S1359-835X(18)30221-5

DOI: https://doi.org/10.1016/j.compositesa.2018.05.035

Reference: JCOMA 5060

To appear in: Composites: Part A

Received Date: 2 February 2018 Revised Date: 28 May 2018 Accepted Date: 30 May 2018



Please cite this article as: Irisawa, T., Inagaki, R., Iida, J., Iwamura, R., Ujihara, K., Kobayashi, S., Tanabe, Y., The influence of oxygen containing functional groups on carbon fibers for mechanical properties and recyclability of CFRTPs made with in-situ polymerizable polyamide 6, *Composites: Part A* (2018), doi: https://doi.org/10.1016/j.compositesa.2018.05.035

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## **ACCEPTED MANUSCRIPT**

The influence of oxygen containing functional groups on carbon fibers for mechanical properties and recyclability of CFRTPs made with in-situ polymerizable polyamide 6

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