

**Preparation and characterization of polyamide 6 fibre based on phosphorus-containing  
flame retardant**

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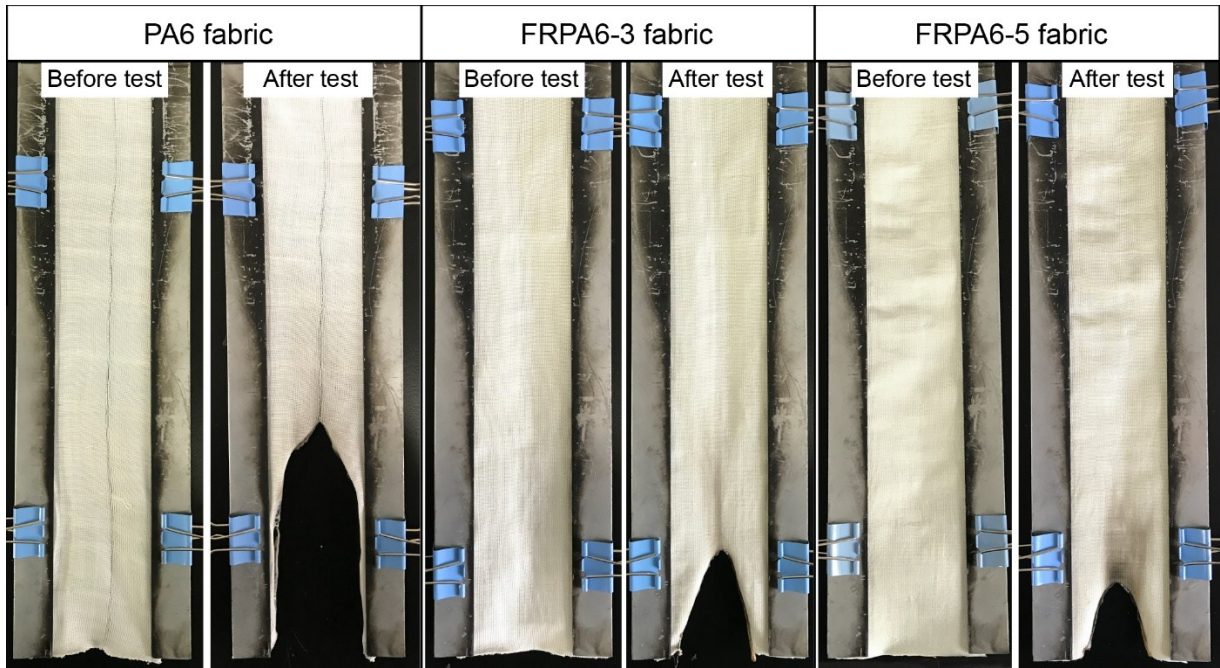
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**Figure S1.** The photograph of PA6 and FRPA6 resins after vertical burning test



**Figure S2.** The photograph of PA6 and FRPA6 fibres



**Figure S3.** The photograph of PA6 and FRPA6 fabrics before and after vertical burning test