PROPERTIES OF RESAK- POLYPROPYLENE (PP) COMPOSITE

By:

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ABSTRACT

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The main objective of the manufacturing of thermoplastic from Resak (*Vatica cuspidata*) and Polypropylene (PP) is to determine the suitable of Resak as the filler in thermoplastic manufacturer industry. It is chosen because it has high quality and was originated from Malaysia. Thus, the chosen of Resak is predicted as the fact to reduce the import cost for wood. After the entire test that is needed to determine the mechanical and physical strength of thermoplastic is done, it is conclude that Resak is suitable as the filler in thermoplastic manufacture. From this study, it was faithfully hoping that it would lead to more research about using Resak in the thermoplastic manufacturing industry.