

Effect of hemp fiber surface treatment on the moisture/water resistance and reaction to fire of reinforced PLA composites

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Impact of alkali and silane treatment on hemp/PLA composites' performance : from micro to macro scale

Alao, Percy Festus; Marrot, Laetitia; Burnard, Michael David; Lavrič, Gregor; Saarna, Mart; Kers, Jaan Polymers 2021 / art. 851,

18 p. : ill <https://doi.org/10.3390/polym13060851> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Properties of frost-retted hemp fibres for the reinforcement of composites

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Properties of retted hemp fibres for reinforcement of composites

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Utilization of Estonian cultivated hemp fibre (a byproduct of cannabidiol production), as a reinforcing material for bio-based thermoplastic composite

Alao, Percy Festus; Marrot, Laetitia; Kers, Jaan GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 /

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