

Kom verder



Reinforced Recyclates

Top-performance of recycled plastic in composites

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[1]



[2]

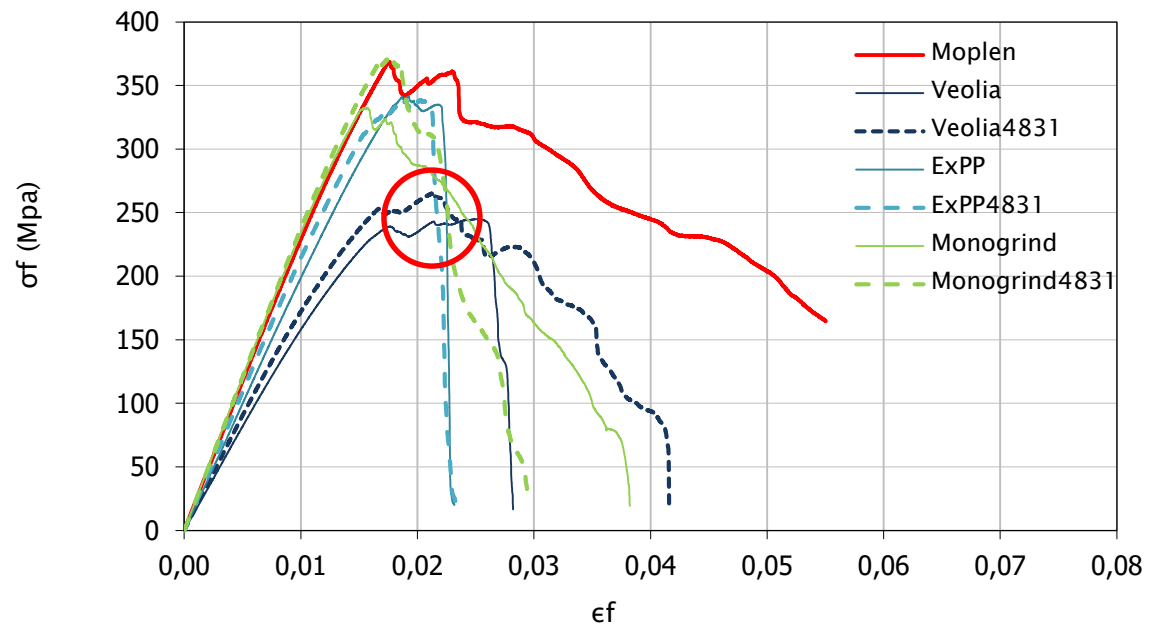


[3]

Approach – Manufacturing of composites and mechanical testing



Flexural strength



- ✓ Manufacturing of reinforced thermoplastic tapes and unidirectional reinforced plates
- ✓ High mechanical properties
- ✓ Further improvement with additive



Potential for cost-efficient and sustainable composite tape without loss of properties

[1] <https://www.autonational.com/divisions/automated-composite-production-filament-winding/automotive/>

[2] <https://www.materialstoday.com/surface-science/features/thermoplastic-composite-solution-for-deep-oil-and/>

[3] <https://www.kunststoffe.de/en/specialized-information/technology-report/artikel/fiber-reinforced-plastic-bicycle-frame-1296144.html>