

Supplementary Information

Use of Amphiphilic Composites based on Clay/Carbon Nanofibers as Fillers in UHMWPE

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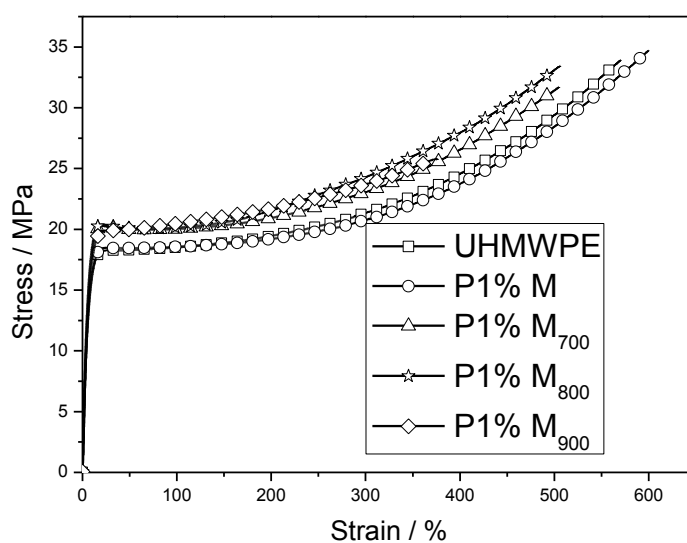


Figure S1. Stress-strain diagram of the samples UHMWPE, P1% M, P3% M, P1% M₈₀₀, P3% M₈₀₀, P1% M_{Fe800} and P3% M_{Fe800}.

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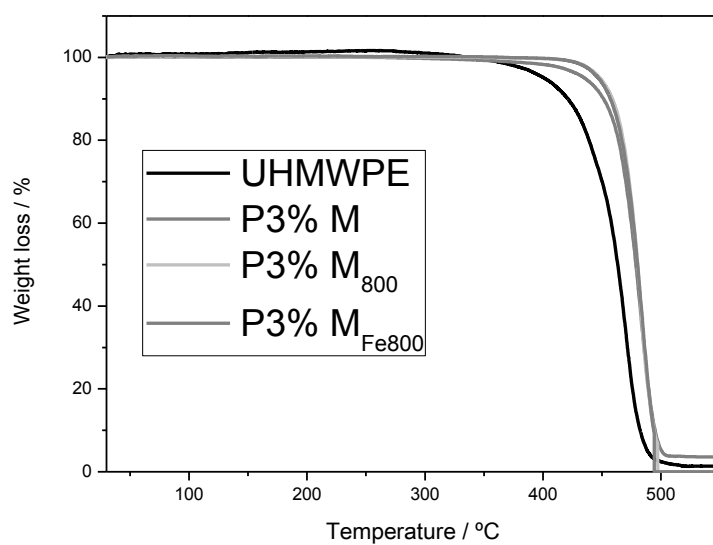


Figure S2. Thermogravimetric curve of the samples UHMWPE, P1%M, P3%M, P1%M₈₀₀, P3%M₈₀₀, P1%M_{Fe800} and P3%M_{Fe800}.

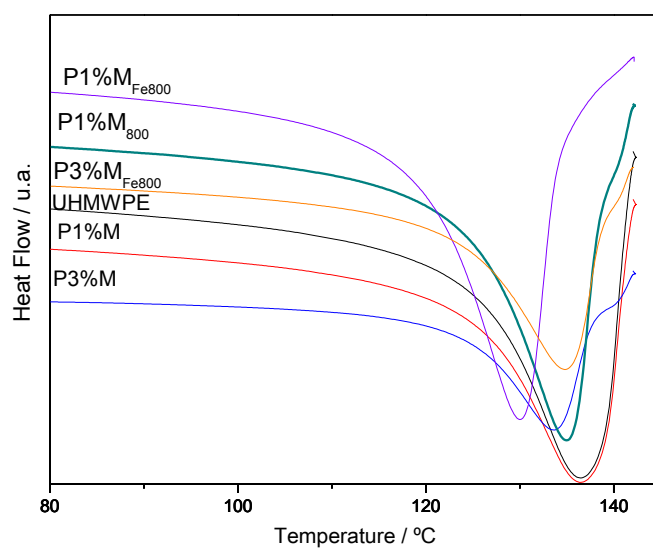


Figure S3. DSC curve of the samples UHMWPE, P1%M, P3%M, P1%M₈₀₀, P3%M₈₀₀, P1%M_{Fe800}, P3%M_{Fe800}.