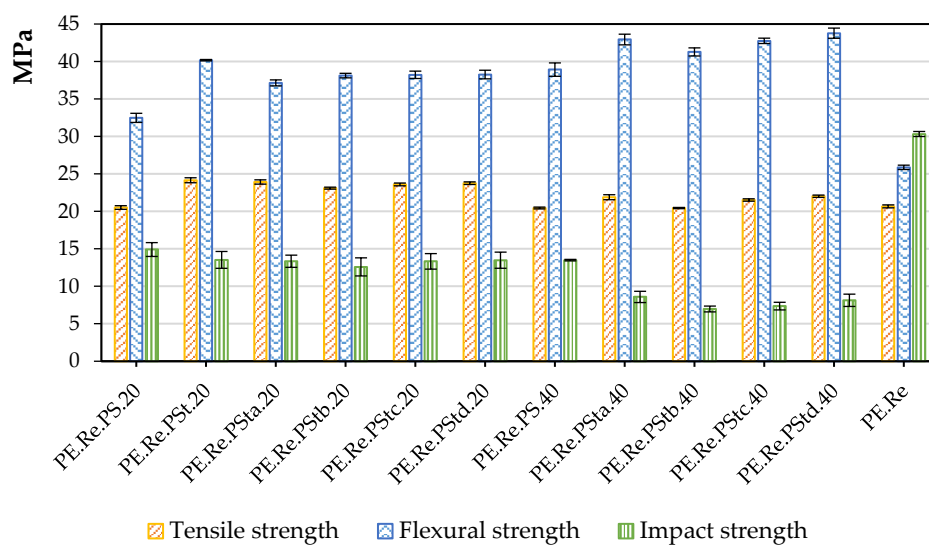
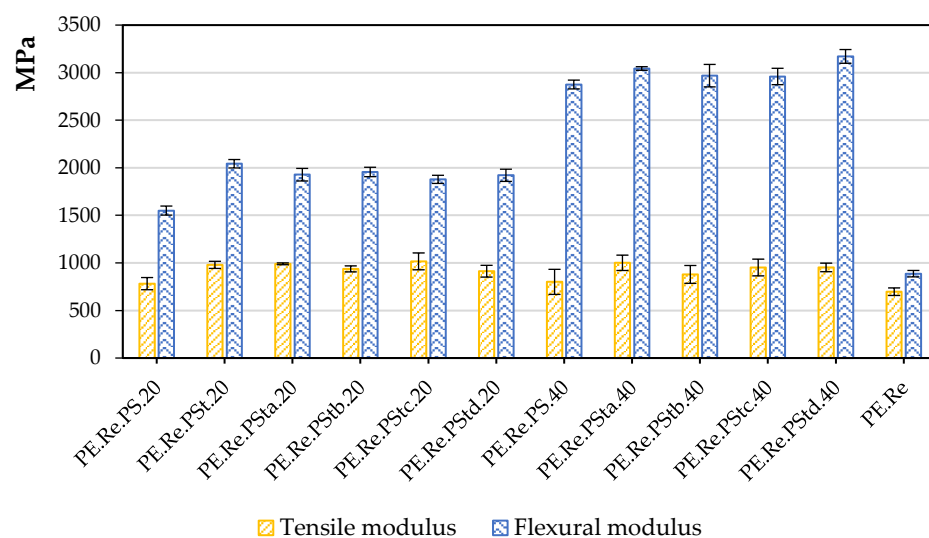


## Supplementary Materials



**Figure S1.** Tensile, flexural and impact strength of the composites and unreinforced recycled high-density polyethylene.



**Figure S2.** Modulus of elasticity (tensile and flexural) of the composites and unreinforced recycled high-density polyethylene.