

Supporting Data
Mechanical Recycling of Ocean-bound Plastic Waste by Incorporating Clay, Rubber, and
Compatibilizers

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Number of pages: 3
Number of figures: 2

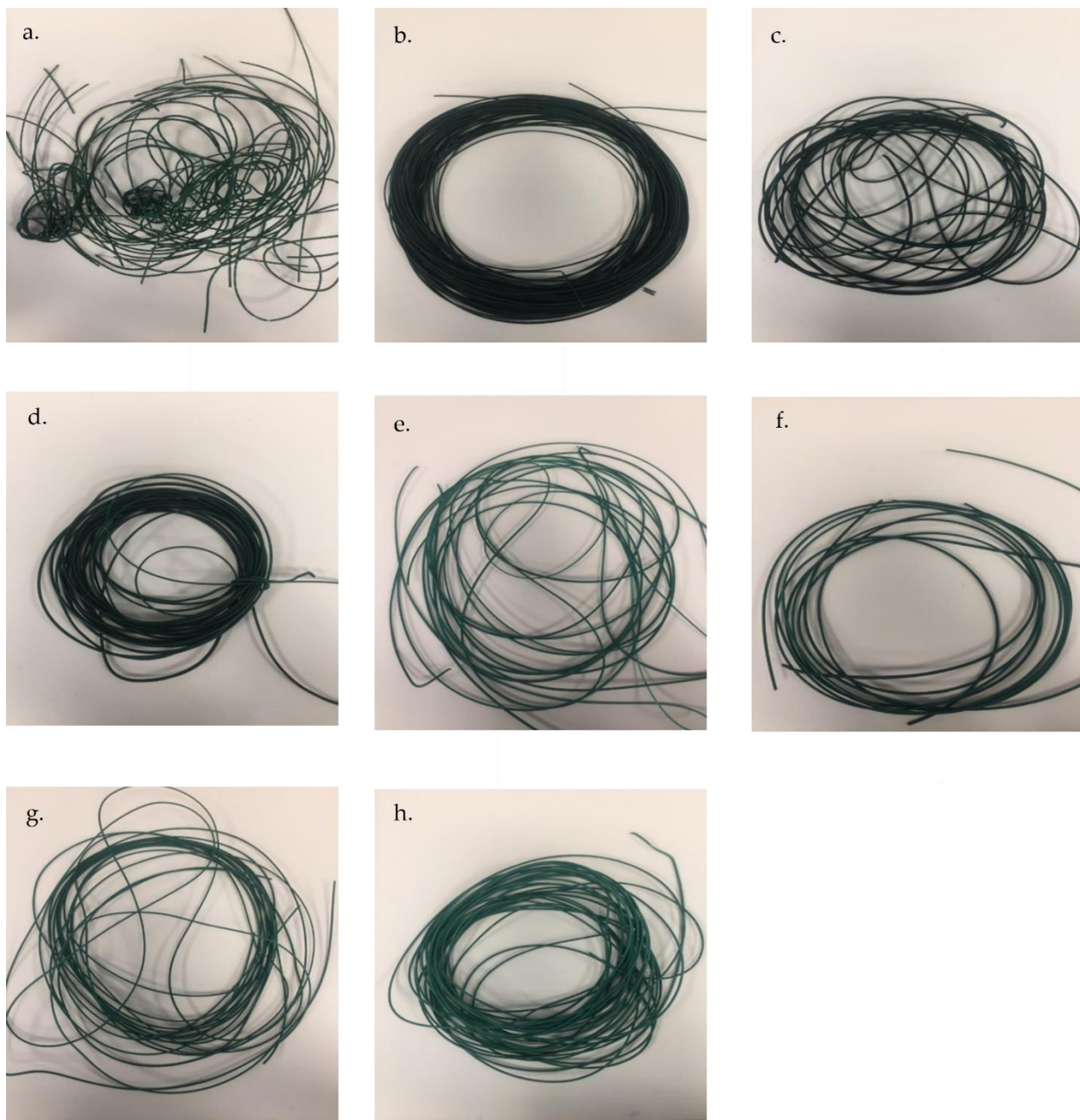


Figure S1. The blended samples composed of: **(a)** o-HDPE (23g) _o-PP (23g)_v-LDPE(23g)_clay (30g); **(b)** o-HDPE (30g) _o-PP (30g)_v-LDPE(30g)_clay (10%); **(c)** o-HDPE (33g) _o-PP (33g)_v-LDPE(33g); **(d)** o-HDPE (25g) _o-PP(25g)_v-LDPE(25g)_EPR(25g), **(e)** o-HDPE (19g) _o-PP (19g)_v-LDPE(19g)_v-PS(19g)_SEBS(5g)_EPR(19g), **(f)** o-HDPE (25g) _o-PP (25g)_v-LDPE(25g)_v-PS(25g), **(g)** o-HDPE (23g) _o-PP (23g)_v-LDPE(23g)_v-PS(23g)_clay(10g), **(h)** o-HDPE (17g) _o-PP (17g)_v-LDPE(17g)_v-PS(17g)_clay(10g)_SEBS(5g)_EPR(17g).

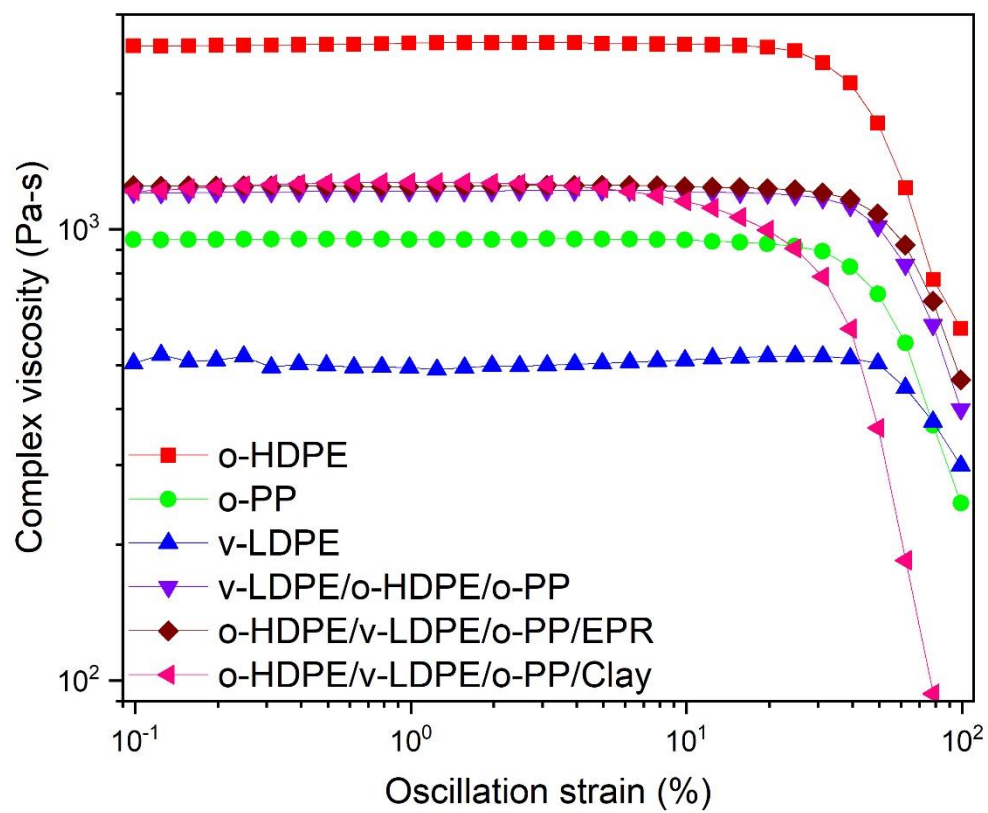


Figure S2. Strain sweep of samples.