Supplementary Material

to

Poultry feather waste as bio-based cross-linking additive for EPDM rubber

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Figure S1. Goose feathers as received before cutting.

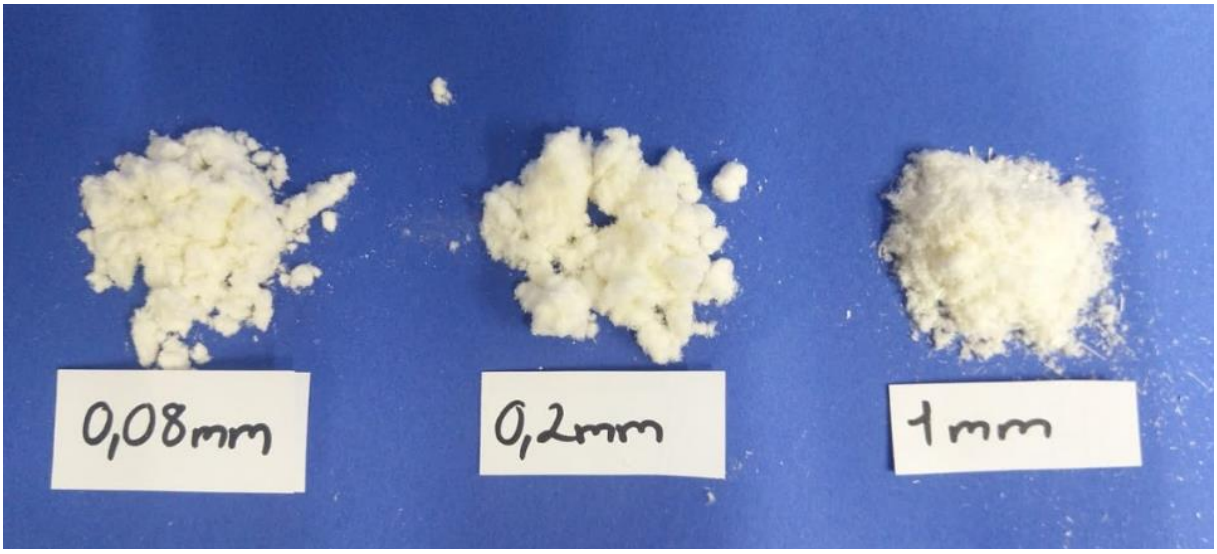


Figure S2. The three lengths of shredded feathers cuttings used in the study.

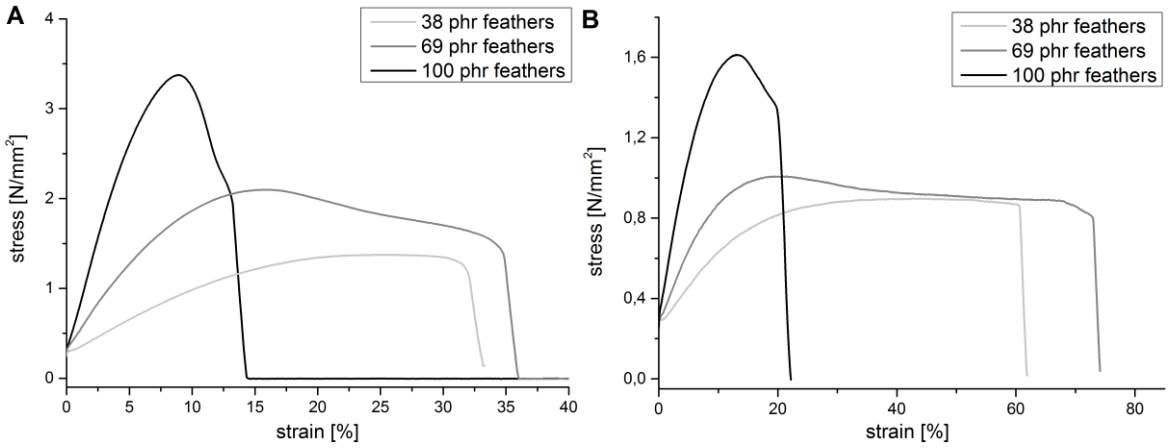


Figure S3. Exemplary stress-strain curves for EPDM mixtures with different amounts of 0.2 mm feathers (A) and 1 mm feathers (B).



Figure S4. Cross-section of the 5mm sample with 100 phr of 0.2 mm feather cuttings showing incomplete consolidation during vulcanisation.