

Electronic Supplementary Information

Dynamic/quasi-static stab-resistance and mechanical properties of soft body armour composites constructed by Kevlar fabrics and shear thickening fluids

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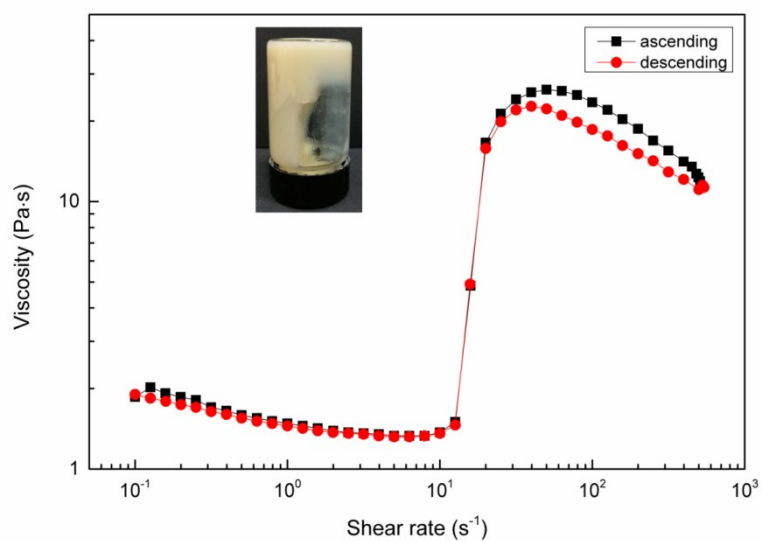


Figure S1. Reversible shear thickening behavior of STF with 68 wt % silica microspheres

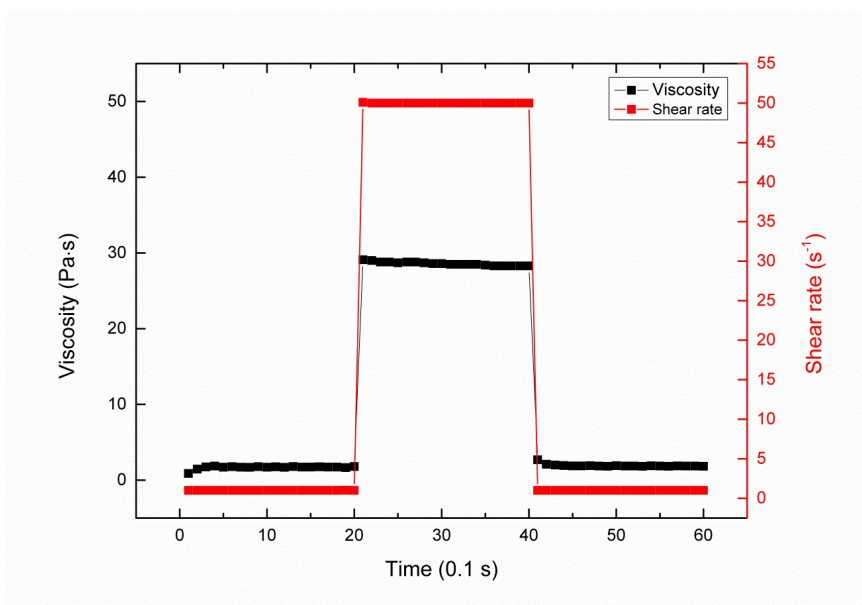


Figure S2. Viscosity in response to shear rate for STF with 68 wt % silica

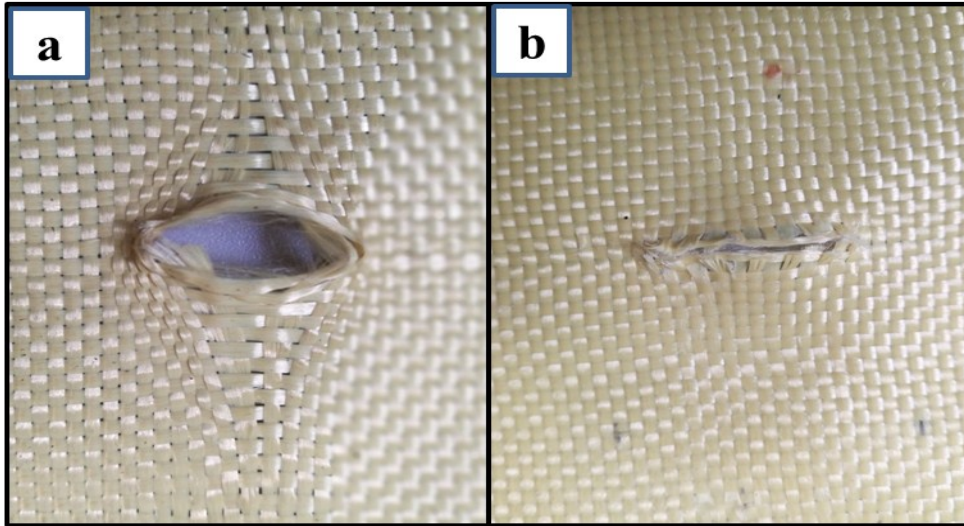


Figure S3. Photographs of broken samples for (a) neat Kevlar fabrics and (b) STF-prepared composites in the quasi-static knife-stabbing tests

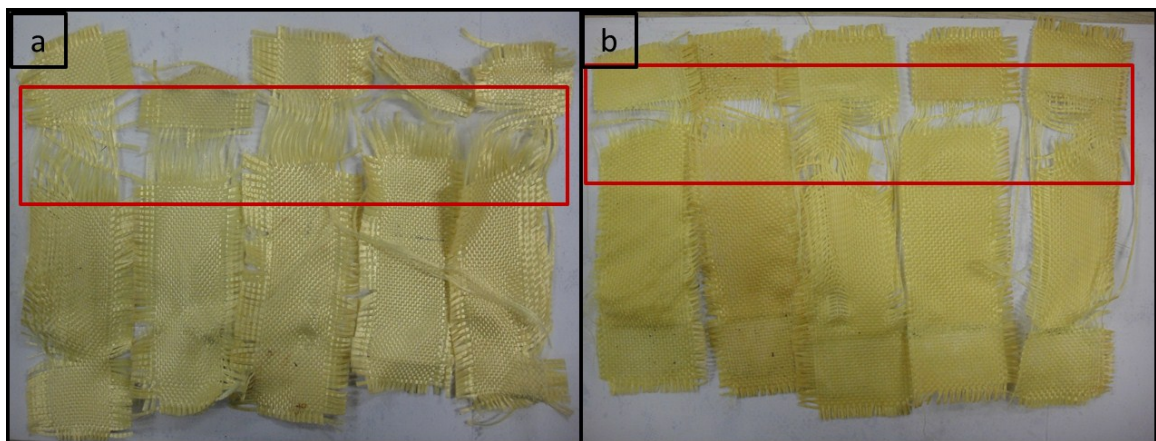


Figure S4. Photographs of broken samples for (a) neat Kevlar fabrics and (b) STF-prepared composites in the quasi-static tensile tests