

## Supporting Information

# Insights into coloration enhancement of mercerized cotton fabric on reactive dye digital inkjet printing

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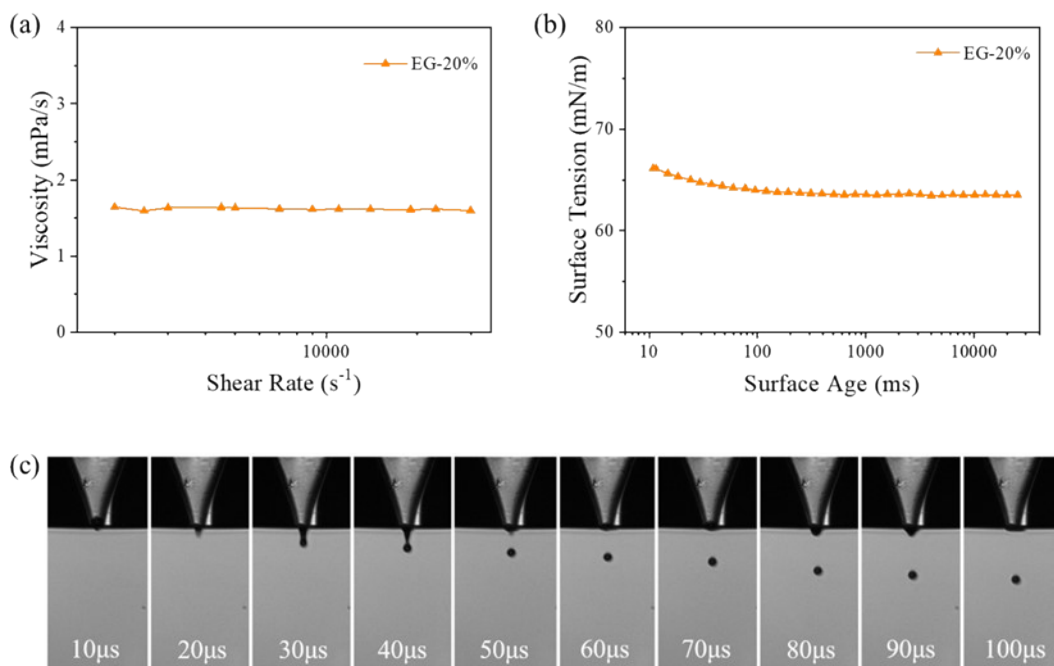
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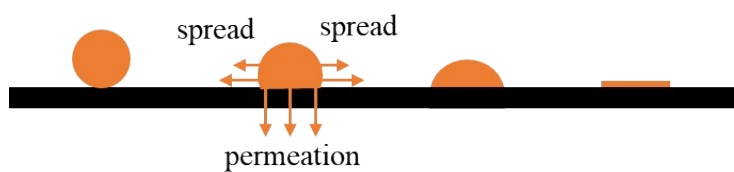
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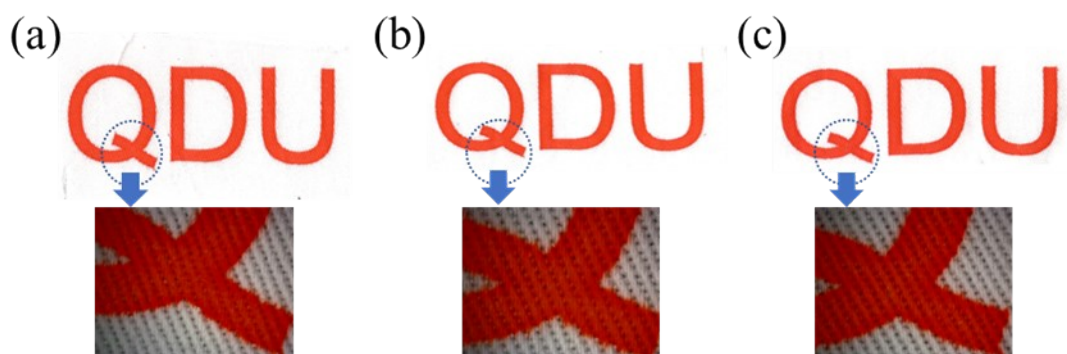
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**Fig. S1.** (a) Viscosity, (b) surface tension and (c) droplet morphology of Reactive Orange 13 ink.



**Fig. S2.** Schematic diagram of ink droplet penetration on fabrics, penetration process of droplets on fabrics.



**Fig. S3.** The outline sharpness of ink-jet printed cotton fabrics treated with alkali: (a) 0 s, (b) 10 s, (c) 60 s.