## Accepted Manuscript

Title: Crystallization and mechanical behavior of the ferroelectric polymer nonwoven fiber fabrics for highly durable wearable sensor applications

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## ACCEPTED MANUSCRIPT

### Highlights

- >Performance of the hollow cylindrical near-field electrospinning (HCNFES).
- >Well-aligned self-assembled PVDF nonwoven fiber fabrics.
- >Highly durable wearable sensors.
- >The mechanical characterization of HCNFES piezoelectric NFFs.
- >The formation of  $\beta$ -form extended-chain crystallites in the PVDF nanofibers.

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