Supporting Information

Deep neural networks based data-driven methods for characterizing the mechanical behavior of hydroxyl-terminated polyether propellants

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1. LSTM model architecture

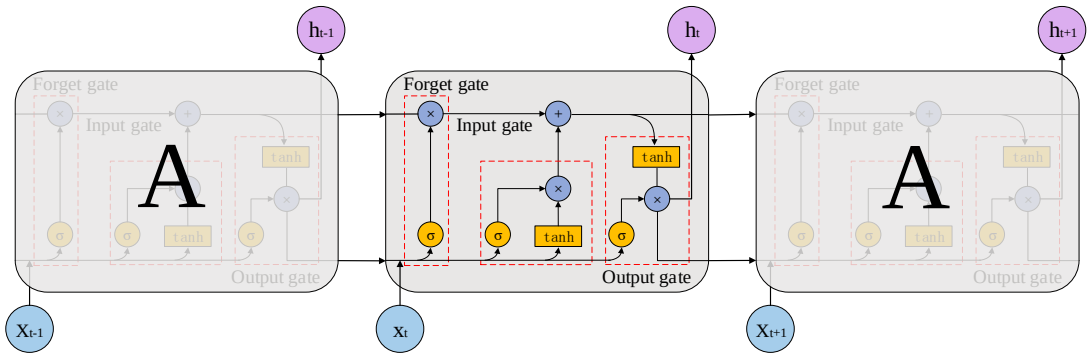


FIGURE S1 LSTM model architecture.

2. Variation of RMSE with the number of data points on each stress-strain curve from modeling HTPE propellant using the FFNN approach.

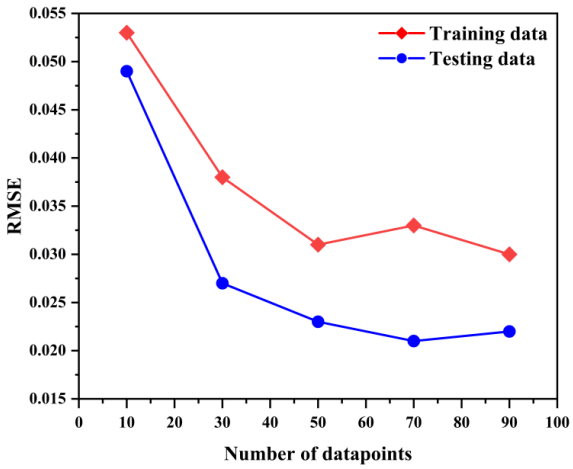


FIGURE S2 Variation of RMSE with the number of data points on each stress-strain curve from modeling HTPE propellant using the FFNN approach.