Electronic supplementary information

Pickering emulsion-fabricated smart microspheres of polystyrene/graphene oxide and their electrorheology

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Figure S1 FT-IR spectra of PS/GO microsphere (a), bare GO (b) and pure PS (c).
Figure S2 TGA curves of PS/GO microspheres (a), GO (b) and pure PS (c).

Figure S3 Shear viscosity curves vs. shear rate for PS/GO microspheres based ER fluid (10vol% particle concentration).
Table S1 Fitting parameters of Bingham, CCJ model, SCS model equations to the flow curves of PS/GO microsphere-based ER fluid

<table>
<thead>
<tr>
<th>Model</th>
<th>Parameters</th>
<th>Electric field strength/kV mm⁻¹</th>
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<td>Bingham</td>
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<tr>
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<td>( \eta )</td>
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<td>CCJ</td>
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