Electronic Supplementary Material (ESI) for RSC Advances.

One-minute self-assembly of millimetre-long DAST crystalline microbelts via substrate-supported rapid evaporation crystallization

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DAST crystalline microbelts preparation by RGA-8 surfactant.

0.15 mM DAST methanol solution was mixed with a polymer-type surfactant RGA-8 (PARAPLEX® RGA-8, Hallstar, Acid value: 2.0) (weight ratio of DAST to surfactant is 1: 20). To make RGA-8 dissolve well into methanol, the mixture was stirred 4 hours fiercely. Then the mixed solution was immediately dripped onto a 145 °C heated hydrophilic glass substrate. As the methanol rapidly evaporated, plenty of DAST crystilline MBs formed immediately.

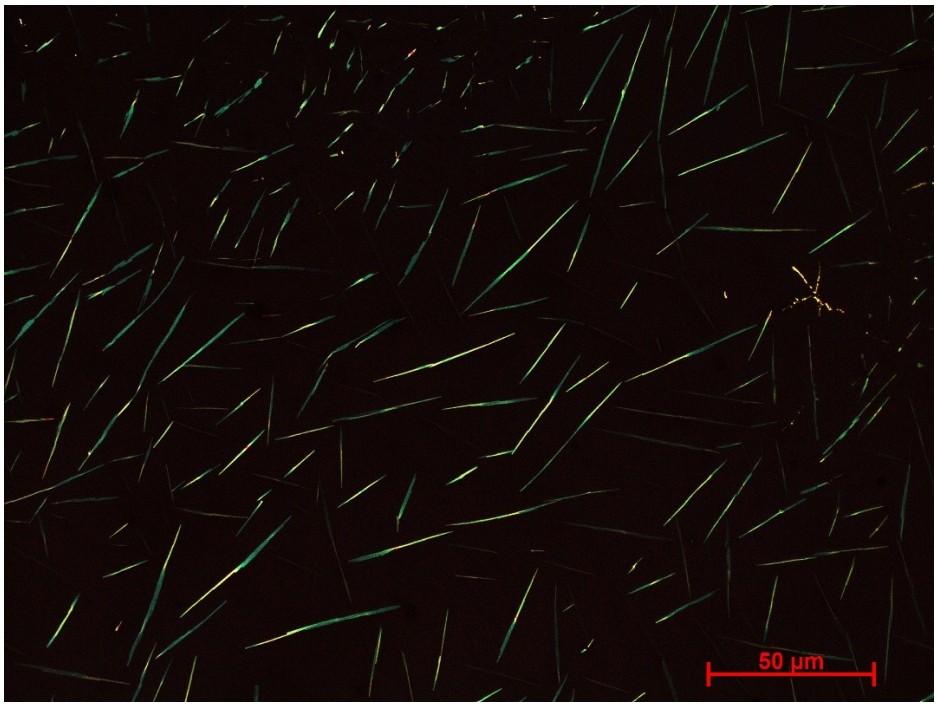

Figure S1 microscopy image of DAST crystalline MBs prepared by using low acid value surfactant RGA-8