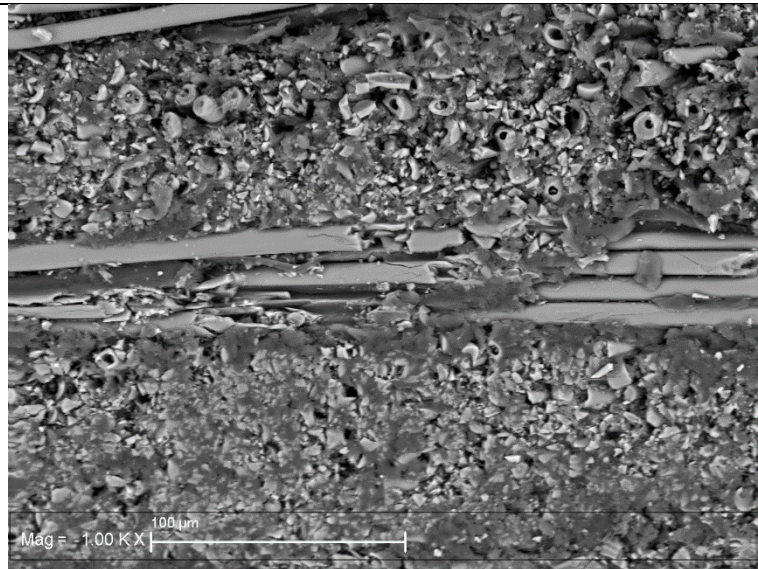


Optical microscopy



SEM microscopy

Figure S1. Micrographs of the GFRER+6% graphene surface.

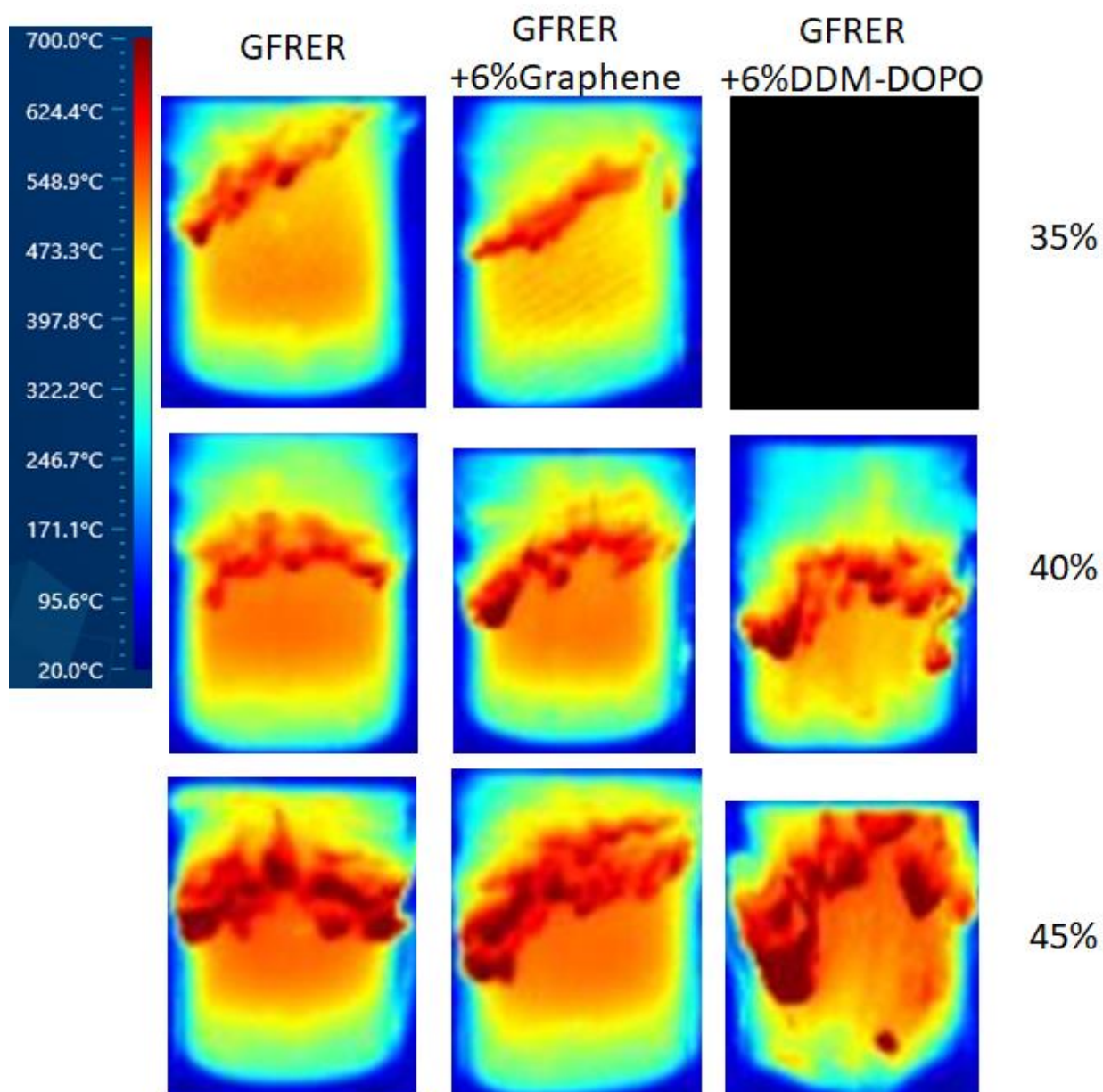


Figure S2. The surface temperature distributions during stationary combustion, obtained using an IR camera, for samples at 35%, 40% and 45% O₂ concentrations.




		
GFRRR	GFRRR+6% graphene	GFRRR+6% DDM-DOPO

Figure S3. Flame photos of GFRRR composites in the VBB test.