

Electronic supplementary information

EFFECT OF TEMPERATURE ON THE PROPERTIES OF THE ROLLED COMPOSITES BASED ON POLYETHYLENE AND RUBBER PARTICLES

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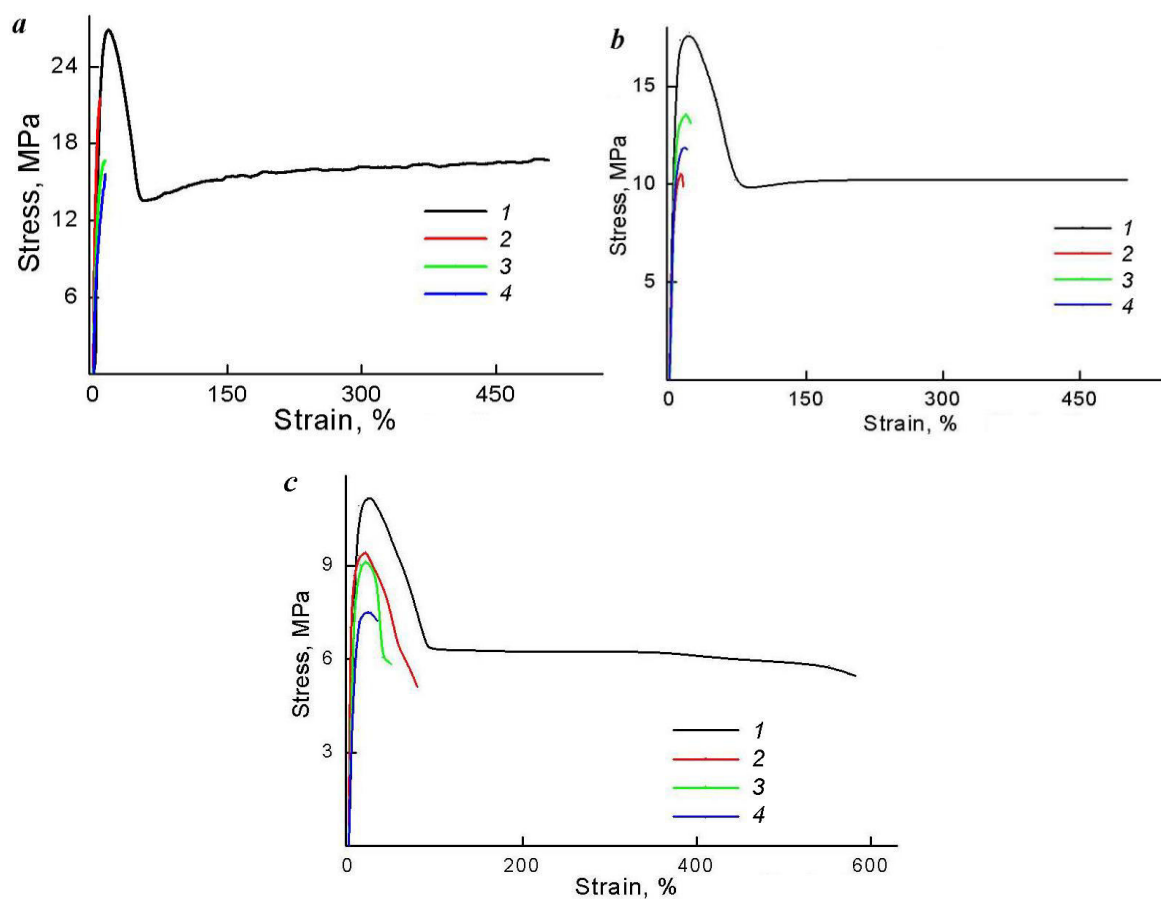


Figure S1. Stress–strain curves of the isotropic composites based on PE at 20 (a), 50 (b), and 70 (c) °C. The filler content: 0 (1), 10 (2), 20 (3), 30 (4) wt %.

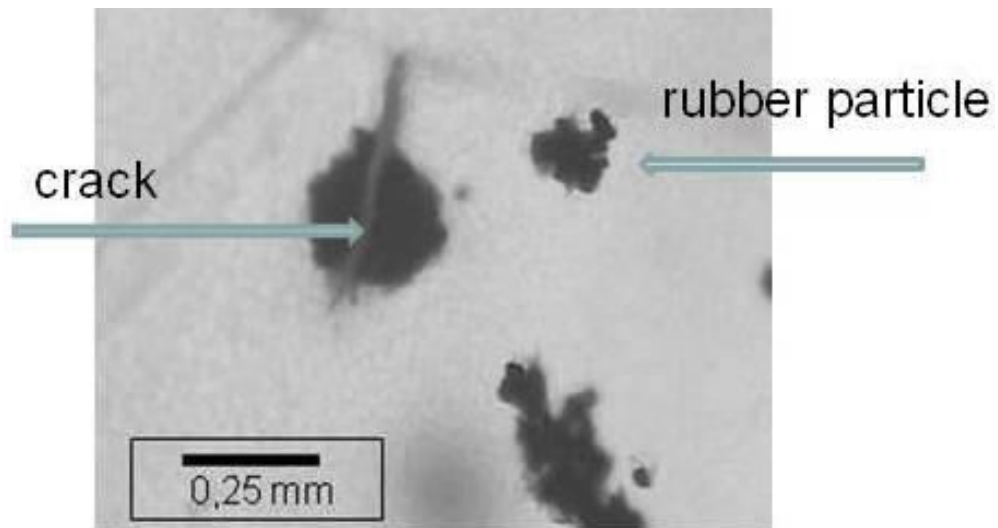


Figure S2. Crack formation during deformation of the isotropic PE sample bearing several rubber particles. The brittle fracture of the sample occurred in the vicinity of another large rubber particle. The test temperature: 20 °C.