

## Rheological Properties and Wall Slip of the Polycarbonate/Carbon Fiber Composites

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Rheological properties and wall slip of the polycarbonate (PC)/ carbon fiber (CF) have been investigated using advanced rheometric expansion system (ARES). PC/CF composites ranging from 0 to 7 phr were prepared using a melt mixing. Compared with the pure PC, the wall slip behavior of the PC/CF composites were significantly observed at the low content of the CF (4, 7 phr). Also, pre-shear test of the PC/CF composite presents for estimation of the CF orientation effect in the PC/CF composites.

감사의 글: 본 연구는 한국과학재단 (KOSEF)에서 지정한 우수공학 연구센터 (ERC)인 유변공정연구센터 (Applied Rheology Center)의 연구지원에 의해 수행되었습니다.