

Supplementary Materials: Study of Nano-Mechanical, Electrochemical and Raman Spectroscopic Behavior of Al6061-SiC-Graphite Hybrid Surface Composite Fabricated through Friction Stir Processing

Abhishek Sharma, Vyas Mani Sharma, Baidehish Sahoo, Jomy Joseph and Jinu Paul

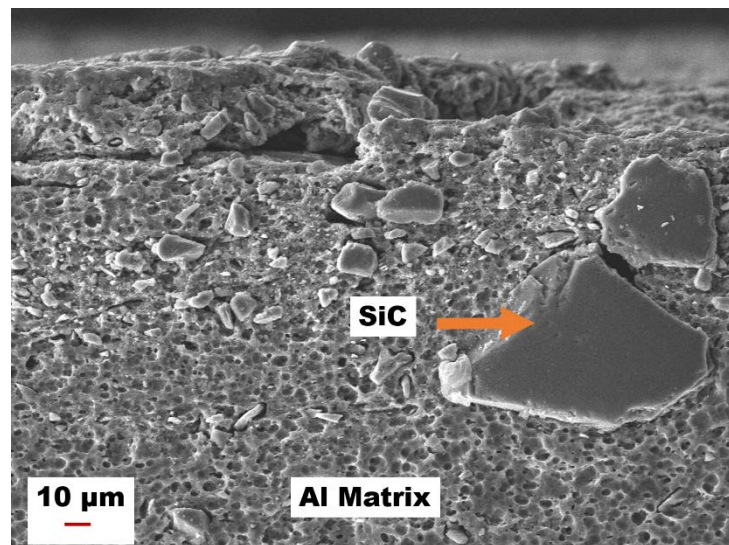


Figure S1. Scanning electron microscopy (SEM) micrograph of Al-SiC mono composite fabricated at 1800 rpm.

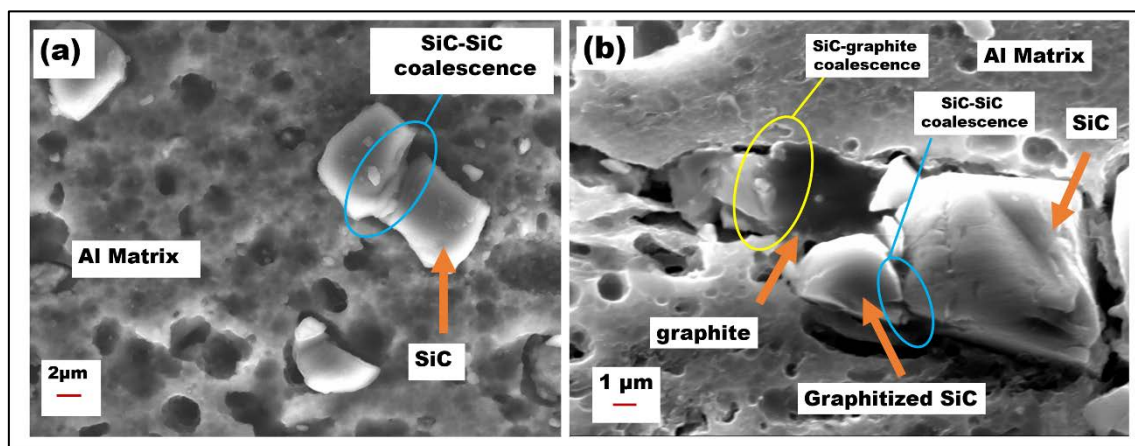


Figure S2. SEM micrographs of (a) Al-SiC mono composite (b) Al-SiC-graphite hybrid composites fabricated at 2500 rpm.

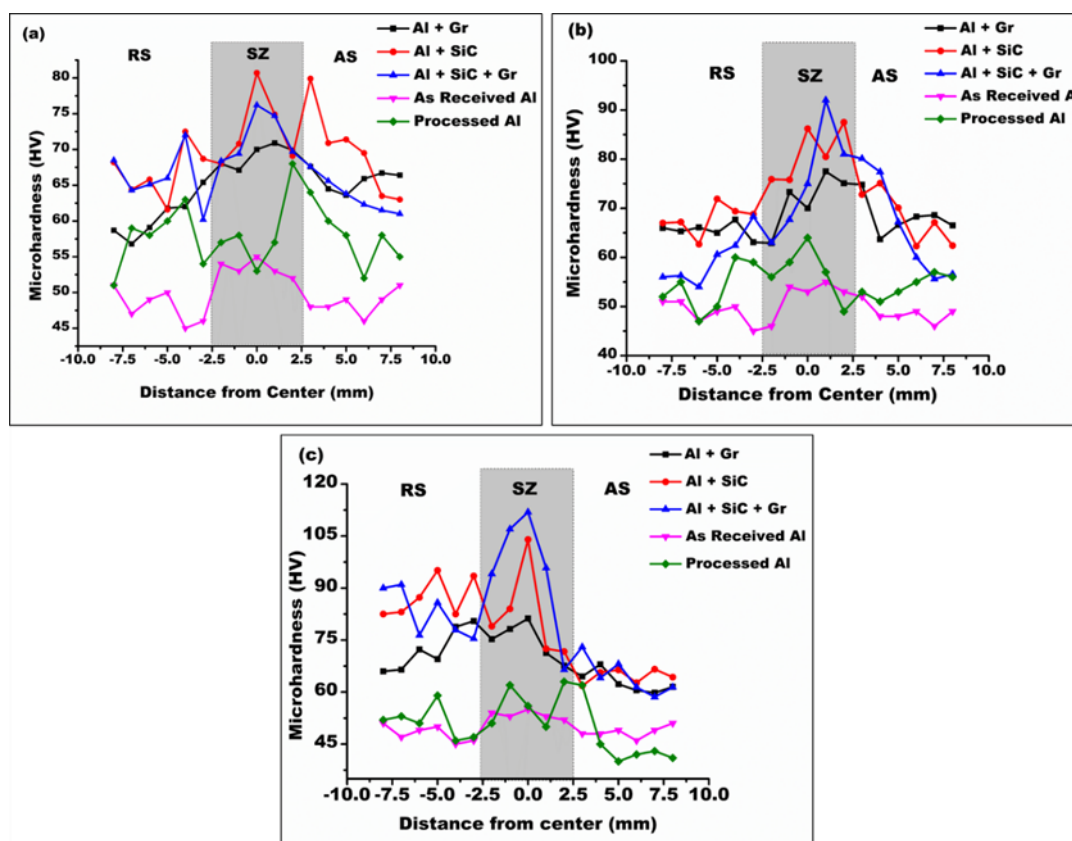


Figure S3. Microhardness variation at cross-section with different reinforcements when processed at (a) 1800 rpm (b) 2200 rpm (c) 2500 rpm.