

Publication record for past 5 years

1. S Vishvanathperumal, S Gopalakannan, Effects of the nanoclay and crosslinking systems on the mechanical properties of ethylene-propylene-diene monomer/styrene butadiene rubber blends nanocomposite 2019, Silicon 11 (1), 117-135
2. S Vishvanathperumal, S Gopalakannan, Swelling properties, compression set behavior and abrasion resistance of ethylene-propylene-diene rubber/styrene butadiene rubber blend nanocomposites, 폴리머 2017, 41 (3), 433-442 5
3. K Senthilvel, S Vishvanathperumal, B Prabu, L John Baruch, Studies on the morphology, cure characteristics and mechanical properties of acrylonitrile butadiene rubber with hybrid filler (carbon black/silica) composite 2016, Polymers and Polymer Composites 24 (7), 473-480
4. S Vishvanathperumal, V Navaneethakrishnan, S Gopalakannan, The Effect of Nanoclay and Hybrid Filler on Curing Characteristics, Mechanical Properties and Swelling Resistance of Ethylene-Vinyl Acetate/Styrene Butadiene Rubber Blend Composite 2018, Journal of Advanced Microscopy Research 13 (4), 469-476 2
5. S Vishvanathperumal, S Gopalakannan, Reinforcement of Ethylene Vinyl Acetate with Carbon Black/Silica Hybrid Filler Composites 2016, Applied Mechanics and Materials 852, 16-22
6. ...
7. S Vishvanathperumal, V Navaneethakrishnan, G Anand, S Gopalakannan, Evaluation of crosslink density using material constants of ethylene-propylene-Diene monomer/styrene-butadiene rubber with different Nanoclay loading: finite element analysis 2020, Advanced Science, Engineering and Medicine 12 (5), 632-642
8. S Vishvanathperumal, G Anand, Effect of Nanoclay/Nanosilica on the Mechanical Properties, Abrasion and Swelling Resistance of EPDM/SBR Composites 2019, Silicon, 1-17
9. S Vishvanathperumal, G Anand, Effect of Nanosilica and Crosslinking System on the Mechanical Properties and Swelling Resistance of EPDM/SBR Nanocomposites with and without TESPT 2020, Silicon, 1-25
10. S Vishvanathperumal, S Gopalakannan, Nanoclay 를 이용한 EPDM/SBR 블렌드 나노복합재료의 팽윤 및 압축변형, 마모저항 특성 2017, Polymer (Korea) 41 (3), 433-442