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### Review on Thermal Behaviour of Synthetic Rubber Composite

A.G.Ganeshkumar, S.Shylin H Jose, R.Silambarasan\*

Department of Mechanical Engineering, Adhiyamaan College of Engineering,  
(Autonomous)  
Hosur-635109, Tamil Nadu, India

**Abstract:**Nowadays, Rubber products are being developed to provide acceptable engineering properties and to fulfil technical requirements through rubber blends or rubber composites. Printed circuit board is a small size material so quickly converted to the powder form using router method. The Printed Circuit Board added to the rubber composite for improving the mechanical properties, thermal properties and consider the characteristics and to reduce the cost of the final product. In this study, styrene butadiene rubber has blended with the printed circuit board powder in the various compositions. The rubber composites prepared by using the two-roll open mill technique process. The result will be as, improvement in thermo gravimetric analysis, thermal conductivity and also improvement mechanical properties.

**Key words:**Printed circuit board, Styrene-butadiene rubber, and two rolls open mill technique, mechanical and thermal properties.

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