

The Significance of Nano Graphene Reinforcement in Rubber Compound Applications

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Abstract

The need for more sustainable feedstock in rubber compound applications with specific reference to the largest consumer being passenger car and commercial vehicle tyres. Graphene introduction into rubber compounds challenges and opportunities. Graphene in Tyre related rubber compound applications complementing carbon black towards greater performance and sustainability. Graphene as a partial replacement for carbon black in tyre based applications providing economies of scale for the Graphene industry.