

Sustainable Materials for Elastomer industry

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Abstract :

Growing trends of Automotive industry forecast the elastomer industry to contribute its large share on growth of automotive tyres and rubber components in the country. Rubber industry is expected to double its economy in next 6- 7 years. Continued demand to innovate on sustainable compounding materials to meet stringent global regulatory challenges. Research work are being undertaken on development of sustainable materials and chemicals for Rubber Industry to meet such global challenges. There are certain types of ingredients having its bio origin, which was found to give multiple effects / roles like plasticiser, anti-degradants, tackifiers etc in the rubber compound. Research work including management of end of life of tyres are undertaken aligning government initiatives with regard to sustainable development goals in Rubber Industry. Environmental concern in Rubber Industry also being taken up as part of research work. The presentation will cover highlights of research findings on sustainable compounding materials for elastomer industries.

References

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